LAMPIRAN

1. *CustomerController Source Code*

```csharp
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.Entity;
using System.Linq;
using System.Net;
using System.Web;
using System.Web.Mvc;
using GudangFarmasi.Models;

namespace GudangFarmasi.Controllers
{
    public class CustomerController : Controller
    {
        private MutasiObatEntities db = new MutasiObatEntities();

        // GET: Customer
        public ActionResult Index(string q = "")
        {
            if (q == null || q == "")
                return View(db.Partners.Where(e=>e.IsSupplier == false).ToList());
            else
                return View(db.Partners.Where(e => e.IsSupplier == false && e.Nama.Contains(q)).ToList());
        }

        // GET: Customer/Create
        public ActionResult Create()
        {
            return View();
        }

        // POST: Customer/Create
        // To protect from overposting attacks, please enable the specific properties you want to bind to, for
        // more details see https://go.microsoft.com/fwlink/?LinkId=317598.
        [HttpPost]
        [ValidateAntiForgeryToken]
        public ActionResult Create([Bind(Include = "ID_Partner,Nama,Alamat,NoTelp,IsSupplier")] Partner partner)
        {
            if (ModelState.IsValid)
            {
                partner.IsSupplier = false;
                db.Partners.Add(partner);
                db.SaveChanges();
                return RedirectToAction("Index");
            }

            return View(partner);
        }

        // GET: Customer/Edit/5
        public ActionResult Edit(int? id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            Partner partner = db.Partners.Find(id);
            if (partner == null)
            {
                return HttpNotFound();
```

```
        }
        return View(partner);
    }

    // POST: Customer/Edit/5
    // To protect from overposting attacks, please enable the specific properties you want to bind to, for
    // more details see https://go.microsoft.com/fwlink/?LinkId=317598.
    [HttpPost]
    [ValidateAntiForgeryToken]
    public ActionResult Edit([Bind(Include = "ID_Partner,Nama,Alamat,NoTelp,IsSupplier")] Partner partner)
    {
        if (ModelState.IsValid)
        {
            db.Entry(partner).State = EntityState.Modified;
            db.SaveChanges();
            return RedirectToAction("Index");
        }
        return View(partner);
    }

    // GET: Customer/Delete/5
    public ActionResult Delete(int? id)
    {
        if (id == null)
        {
            return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
        }
        Partner partner = db.Partners.Find(id);
        if (partner == null)
        {
            return HttpNotFound();
        }
        return View(partner);
    }

    // POST: Customer/Delete/5
    [HttpPost, ActionName("Delete")]
    [ValidateAntiForgeryToken]
    public ActionResult DeleteConfirmed(int id)
    {
        Partner partner = db.Partners.Find(id);
        db.Partners.Remove(partner);
        db.SaveChanges();
        return RedirectToAction("Index");
    }

    protected override void Dispose(bool disposing)
    {
        if (disposing)
        {
            db.Dispose();
        }
        base.Dispose(disposing);
    }
  }
}
```

2. *DistributorController Source Code*

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.Entity;
using System.Linq;
```

```
using System.Net;
using System.Web;
using System.Web.Mvc;
using GudangFarmasi.Models;

namespace GudangFarmasi.Controllers
{
    public class DistributorController : Controller
    {
        private MutasiObatEntities db = new MutasiObatEntities();

        // GET: Distributor
        public ActionResult Index(string q = "")
        {
            if (q == null || q == "")
                return View(db.Partners.Where(e=>e.IsSupplier==true).ToList());
            else
                return View(db.Partners.Where(e => e.IsSupplier == true && e.Nama.Contains(q)).ToList());
        }

        // GET: Distributor/Details/5
        public ActionResult Details(int? id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            Partner partner = db.Partners.Find(id);
            if (partner == null)
            {
                return HttpNotFound();
            }
            return View(partner);
        }

        // GET: Distributor/Create
        public ActionResult Create()
        {
            return View();
        }

        // POST: Distributor/Create
        // To protect from overposting attacks, please enable the specific properties you want to bind to, for
        // more details see https://go.microsoft.com/fwlink/?LinkId=317598.
        [HttpPost]
        [ValidateAntiForgeryToken]
        public ActionResult Create([Bind(Include = "ID_Partner,Nama,Alamat,NoTelp,IsSupplier")] Partner partner)
        {
            if (ModelState.IsValid)
            {
                partner.IsSupplier = true;
                db.Partners.Add(partner);
                db.SaveChanges();
                return RedirectToAction("Index");
            }

            return View(partner);
        }

        // GET: Distributor/Edit/5
        public ActionResult Edit(int? id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            Partner partner = db.Partners.Find(id);
            if (partner == null)
            {
```

```
          return HttpNotFound();
        }
        return View(partner);
    }

    // POST: Distributor/Edit/5
    // To protect from overposting attacks, please enable the specific properties you want to bind to, for
    // more details see https://go.microsoft.com/fwlink/?LinkId=317598.
    [HttpPost]
    [ValidateAntiForgeryToken]
    public ActionResult Edit([Bind(Include = "ID_Partner,Nama,Alamat,NoTelp,IsSupplier")] Partner partner)
    {
        if (ModelState.IsValid)
        {
            db.Entry(partner).State = EntityState.Modified;
            db.SaveChanges();
            return RedirectToAction("Index");
        }
        return View(partner);
    }

    // GET: Distributor/Delete/5
    public ActionResult Delete(int? id)
    {
        if (id == null)
        {
            return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
        }
        Partner partner = db.Partners.Find(id);
        if (partner == null)
        {
            return HttpNotFound();
        }
        return View(partner);
    }

    // POST: Distributor/Delete/5
    [HttpPost, ActionName("Delete")]
    [ValidateAntiForgeryToken]
    public ActionResult DeleteConfirmed(int id)
    {
        Partner partner = db.Partners.Find(id);
        db.Partners.Remove(partner);
        db.SaveChanges();
        return RedirectToAction("Index");
    }

    protected override void Dispose(bool disposing)
    {
        if (disposing)
        {
            db.Dispose();
        }
        base.Dispose(disposing);
    }
    }
}
```

3. *LoginController Source Code*

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
```

```
using System.Web.Mvc;

namespace GudangFarmasi.Controllers
{
    public class LoginController : Controller
    {
        Models.MutasiObatEntities db = new Models.MutasiObatEntities();
        // GET: Login
        public ActionResult Index()
        {
            return View();
        }

        [HttpPost]
        public ActionResult Authorize(Models.User attempt)
        {
            var details = db.Users.Where(e => e.Username == attempt.Username && e.Password ==
attempt.Password).FirstOrDefault();
            if(details == null)
            {
                return RedirectToAction("Index");
            }
            else
            {
                Session["ID_User"] = details.ID_User;
                return RedirectToAction("Index", "Obat");
            }
        }

        public ActionResult LogOut()
        {
            Session.Abandon();
            return RedirectToAction("Index");
        }
    }
}
```

4. *ObatController Source Code*

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.Entity;
using System.Linq;
using System.Net;
using System.Web;
using System.Web.Mvc;
using GudangFarmasi.Models;

namespace GudangFarmasi.Controllers
{
    public class ObatController : Controller
    {
        private MutasiObatEntities db = new MutasiObatEntities();

        string _selected = "obat";

        // GET: Obat
        public ActionResult Index(string q = "")
        {
            if (q == null || q == "")
            {
                return View(db.Obats.ToList());
```

```csharp
        }
        else
        {
            return View(db.Obats.Where(e=>e.Nama.Contains(q)).ToList());
        }


    }
    // GET: Obat/Create
    public ActionResult Create()
    {
        return View();
    }

    // POST: Obat/Create
    // To protect from overposting attacks, please enable the specific properties you want to bind to, for
    // more details see https://go.microsoft.com/fwlink/?LinkId=317598.
    [HttpPost]
    [ValidateAntiForgeryToken]
    public ActionResult Create([Bind(Include = "ID_Obat,Nama,Kemasan,Satuan,Harga_Satuan")] Obat obat)
    {
        if (ModelState.IsValid)
        {
            db.Obats.Add(obat);
            db.SaveChanges();
            return RedirectToAction("Index");
        }

        return View(obat);
    }

    // GET: Obat/Edit/5
    public ActionResult Edit(int? id)
    {
        if (id == null)
        {
            return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
        }
        Obat obat = db.Obats.Find(id);
        if (obat == null)
        {
            return HttpNotFound();
        }
        return View(obat);
    }

    // POST: Obat/Edit/5
    // To protect from overposting attacks, please enable the specific properties you want to bind to, for
    // more details see https://go.microsoft.com/fwlink/?LinkId=317598.
    [HttpPost]
    [ValidateAntiForgeryToken]
    public ActionResult Edit([Bind(Include = "ID_Obat,Nama,Kemasan,Satuan,Harga_Satuan")] Obat obat)
    {
        if (ModelState.IsValid)
        {
            db.Entry(obat).State = EntityState.Modified;
            db.SaveChanges();
            return RedirectToAction("Index");
        }
        return View(obat);
    }

    // GET: Obat/Delete/5
    public ActionResult Delete(int? id)
    {
        if (id == null)
        {
            return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
        }
        Obat obat = db.Obats.Find(id);
```

```
        if (obat == null)
        {
            return HttpNotFound();
        }
        return View(obat);
    }

    // POST: Obat/Delete/5
    [HttpPost, ActionName("Delete")]
    [ValidateAntiForgeryToken]
    public ActionResult DeleteConfirmed(int id)
    {
        Obat obat = db.Obats.Find(id);
        db.Obats.Remove(obat);
        db.SaveChanges();
        return RedirectToAction("Index");
    }

    protected override void Dispose(bool disposing)
    {
        if (disposing)
        {
            db.Dispose();
        }
        base.Dispose(disposing);
    }
  }
}
```

5. ReportController Source Code

```
using GudangFarmasi.Models;
using iTextSharp.text;
using iTextSharp.text.html.simpleparser;
using iTextSharp.text.pdf;
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Drawing;
using System.IO;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace GudangFarmasi.Controllers
{
  public class ReportController : Controller
  {
    MutasiObatEntities db = new MutasiObatEntities();
    // GET: Report
    public ActionResult Index()
    {
        SqlConnection conn = new SqlConnection(db.Database.Connection.ConnectionString);
        conn.Open();
        SqlCommand _getminmaxdates = new SqlCommand("select min(Tanggal), max(Tanggal) from Transaksi", conn);
        SqlDataReader _reader = _getminmaxdates.ExecuteReader();

        DateTime min = new DateTime();
        DateTime max = new DateTime();
```

```
    while (_reader.Read())
    {
      min = _reader.GetDateTime(0);
      max = _reader.GetDateTime(1);
    }
    conn.Close();

    ViewBag.MinDate = min.ToShortDateString();
    ViewBag.MaxDate = max.ToShortDateString();

    return View();
}

public DataTable GetDataTable(String connectionString, SqlCommand _pass)
{
    DataTable dataTable = new DataTable();

    try
    {
      using (SqlConnection connection = new SqlConnection(connectionString))
      {
        connection.Open();

        using (SqlCommand command = _pass)
        {
          using (SqlDataAdapter dataAdapter = new SqlDataAdapter(command))
          {
            dataAdapter.Fill(dataTable);
          }
        }
      }
    }
    catch
    {

    }

    return dataTable;
}

public ActionResult Report(string start, string end)
{
    SqlConnection conn = new SqlConnection(db.Database.Connection.ConnectionString);
    string query = "select a.ID_Trx AS 'ID Transaksi', b.Nama AS 'Nama Obat', a.Tanggal, a.Jumlah_Satuan AS
'Jumlah', c.Nama AS 'Nama Partner', CASE WHEN a.State = 1 THEN 'Keluar' ELSE 'Masuk' END as 'Status' from
Transaksi a left join Obat b on a.Obat = b.ID_Obat left join Partner c on a.Partner = c.ID_Partner where CAST(a.Tanggal
AS DATE) BETWEEN CAST(@start AS DATE) AND CAST(@end AS DATE)";
    conn.Open();

    var com = new SqlCommand(query, conn);
    com.Parameters.Add("@start", System.Data.SqlDbType.DateTime);
    com.Parameters.Add("@end", System.Data.SqlDbType.DateTime);

    com.Parameters["@start"].Value = Convert.ToDateTime(start);
    com.Parameters["@end"].Value = Convert.ToDateTime(end);



    var grid = new GridView();

    grid.DataSource = GetDataTable(db.Database.Connection.ConnectionString, com);
    grid.DataSourceID = null;
    grid.Visible = true;
    grid.AllowPaging = true;
    grid.DataBind();
    //grid.ShowHeader = true;
    grid.HeaderStyle.HorizontalAlign = HorizontalAlign.Center;
    grid.HeaderStyle.BackColor = Color.WhiteSmoke;
```

```
        for (int i = 0; i < grid.Rows.Count; i++)
        {
            grid.Rows[i].HorizontalAlign = HorizontalAlign.Center;
        }


        conn.Close();

        Response.ContentType = "application/pdf";
        Response.AddHeader("content-disposition", "inline;filename=Report.pdf");
        Response.Cache.SetCacheability(HttpCacheability.NoCache);
        StringWriter sw = new StringWriter();
        HtmlTextWriter hw = new HtmlTextWriter(sw);
        grid.RenderControl(hw);
        StringReader sr = new StringReader(sw.ToString());
        Document pdfDoc = new Document(PageSize.A4, 20f, 20f, 20f,20f);
        HTMLWorker htmlparser = new HTMLWorker(pdfDoc);
        PdfWriter.GetInstance(pdfDoc, Response.OutputStream);
        pdfDoc.Open();

        htmlparser.Parse(sr);
        pdfDoc.Close();

        Response.Write(pdfDoc);
        Response.End();
        grid.AllowPaging = true;
        grid.DataBind();

        return RedirectToAction("Index");
    }
  }
}
```

6. TransaksiController Source Code

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.Entity;
using System.Linq;
using System.Net;
using System.Web;
using System.Web.Mvc;
using GudangFarmasi.Models;

namespace GudangFarmasi.Controllers
{
    public class TransaksiController : Controller
    {
        private MutasiObatEntities db = new MutasiObatEntities();

        // GET: Transaksi
        public ActionResult Index(string q = "")
        {
            if (q == null || q == "")
                return View(db.Transaksis.Include(t => t.Obat1));
            else
                return View(db.Transaksis.Include(t => t.Obat1).Where(e => e.Obat1.Nama.Contains(q)).ToList());
        }

        // GET: Transaksi/Details/5
        public ActionResult Details(int? id)
        {
```

```csharp
        if (id == null)
        {
            return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
        }
        Transaksi transaksi = db.Transaksis.Find(id);
        if (transaksi == null)
        {
            return HttpNotFound();
        }
        return View(transaksi);
    }

    // GET: Transaksi/Create
    public ActionResult Create(bool keluar = false)
    {
        ViewBag.Obat = new SelectList(db.Obats, "ID_Obat", "Nama");
        ViewBag.Keluar = keluar;

        var partner = db.Partners.Where(e => e.IsSupplier == !keluar).ToList();
        ViewData["Partner"] = partner;
        return View();
    }

    // POST: Transaksi/Create
    // To protect from overposting attacks, please enable the specific properties you want to bind to, for
    // more details see https://go.microsoft.com/fwlink/?LinkId=317598.
    [HttpPost]
    [ValidateAntiForgeryToken]
    public ActionResult Create([Bind(Include = "ID_Trx,Obat,Tanggal,Jumlah_Satuan,State,Partner")] Transaksi
transaksi)
    {
        if (ModelState.IsValid)
        {
            db.Transaksis.Add(transaksi);

            db.SaveChanges();
            return RedirectToAction("Index");
        }

        ViewBag.Obat = new SelectList(db.Obats, "ID_Obat", "Nama", transaksi.Obat);
        return View(transaksi);
    }

    // GET: Transaksi/Edit/5
    public ActionResult Edit(int? id, bool keluar = false)
    {
        if (id == null)
        {
            return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
        }
        Transaksi transaksi = db.Transaksis.Find(id);
        if (transaksi == null)
        {
            return HttpNotFound();
        }
        ViewBag.Obat = new SelectList(db.Obats, "ID_Obat", "Nama", transaksi.Obat);
        ViewBag.Keluar = keluar;

        var partner = db.Partners.Where(e => e.IsSupplier == !keluar).ToList();
        ViewData["Partner"] = partner;
        return View(transaksi);
    }

    // POST: Transaksi/Edit/5
    // To protect from overposting attacks, please enable the specific properties you want to bind to, for
    // more details see https://go.microsoft.com/fwlink/?LinkId=317598.
    [HttpPost]
    [ValidateAntiForgeryToken]
    public ActionResult Edit([Bind(Include = "ID_Trx,Obat,Tanggal,Jumlah_Satuan,State")] Transaksi transaksi)
```

```csharp
        {
            if (ModelState.IsValid)
            {
                db.Entry(transaksi).State = EntityState.Modified;
                db.SaveChanges();
                return RedirectToAction("Index");
            }
            ViewBag.Obat = new SelectList(db.Obats, "ID_Obat", "Nama", transaksi.Obat);
            return View(transaksi);
        }

        // GET: Transaksi/Delete/5
        public ActionResult Delete(int? id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            Transaksi transaksi = db.Transaksis.Find(id);
            if (transaksi == null)
            {
                return HttpNotFound();
            }
            return View(transaksi);
        }

        // POST: Transaksi/Delete/5
        [HttpPost, ActionName("Delete")]
        [ValidateAntiForgeryToken]
        public ActionResult DeleteConfirmed(int id)
        {
            Transaksi transaksi = db.Transaksis.Find(id);
            db.Transaksis.Remove(transaksi);
            db.SaveChanges();
            return RedirectToAction("Index");
        }

        protected override void Dispose(bool disposing)
        {
            if (disposing)
            {
                db.Dispose();
            }
            base.Dispose(disposing);
        }
    }
}
```
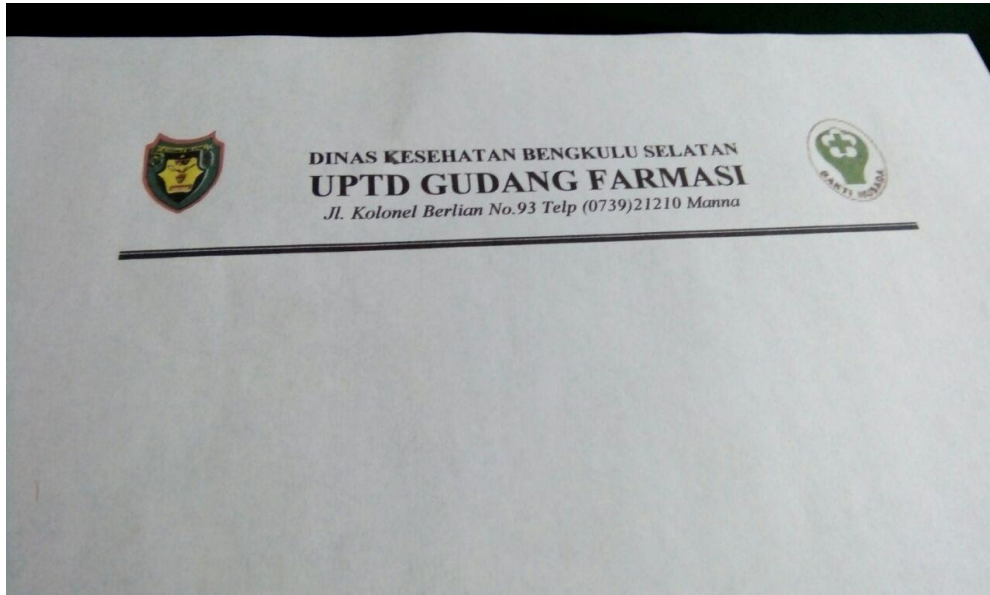
7. Kop Surat Gudang Farmasi Bengkulu Selatan

DINAS KESEHATAN BENGKULU SELATAN
UPTD GUDANG FARMASI
Jl. Kolonel Berlian No.93 Telp (0739)21210 Manna

8. Surat kirim barang

SURAT KIRIM BARANG

Kepada Yth.

DINAS KESEHATAN BENGKULU SELATAN

Jl. SM. Yaha No 161 Manna

Bersama ini kami kirimkan barang sebagai berikut :

NO	NAMA BARANG	KEMASAN	QTY KIRIM	PENYEDIA	ID PAKET	KETERANGAN
1	KETOCONAZOLE 2 % KRIM 10 GRAM	TUB	5400 ✓	KIMIA FARMA	OBB-P1706-524346	
2	CHLORAMFENICOL 1 % S. MATA	TUB	8750 ✓	KIMIA FARMA	OBB-P1706-524346	

Tanda terima barang ini sebagai bukti bahwa barang tersebut telah di terima oleh yang berwenang.

Bengkulu,   2017
Yang Menyerahkan,

Lukman NulHakim.Z, S.Farm, Apt

Penanggung Jawab KFTD Bengkulu

Yang Menerima,

(Sumartri)

Tanggal : 6/ a – 17
Nama   :
NIP.   :
No. HP :

Catatan : Lampiran 1 balik ke KFTD Bengkulu
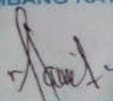
9. Surat pengantar barang

SURAT PENGANTAR BARANG
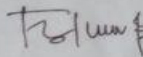
NO.02/PRA-BKL/XI/2017

Kepada Yth,
Panitia Penerima / Pemeriksa Barang
Dinas kesehatan Kabupaten Manna
Tahun Anggaran 2017
Di
    Manna

FKO

Harap diterima obat-obatan sebagai berikut :

NO	NAMA OBAT	KEMASAN	JUMLAH	Batch	Exp Date	KET
1	Omesolvon syrup/miravon syr (Bromexin) ✓	Btl	1066	F11141	Sep-20	Cukup Dan Baik
2	Antalgin injeksi/Novalgin Injeksi ✓	Ampul	65			Cukup Dan Baik

Yang Menyerahkan
PT. PANYIMBANG RATU AGUNG

Rize Dinaldi

PENERIMA I

(........YULIA FEMILITA.........)

PENERIMA II

(.................................)

56

10. Surat pengiriman barang dari distributor

PT. PANYIMBANG RATU AGUNG
PEDAGANG BESAR FARMASI, ALAT KESEHATAN DAN
PERDAGANGAN UMUM
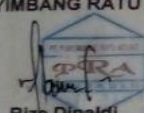JL. P. Natadirja No 310 KM 7.5 Bengkulu Tlp. 0736-343587 Email : pt.pra@ymail.com

Kepada Yth,
Panitia Penerima / Pemeriksa Barang
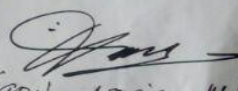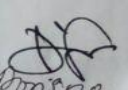Dinas kesehatan Kabupaten Manna
Tahun Anggran 2017

Manna

Harap diterima obat-obatan sebagai berikut :

NAMA OBAT	KEMASAN	JUMLAH	Batch	Exp Date	KET
Vaksin Anti Rabies (VAR) Verorab	Vls	500	M14611M	Agu-18	Cukup Dan Baik

Yang Menyerahkan
PT. PANYIMBANG RATU AGUNG

Rize Dinaldi

PENERIMA I

(. Yarul Novian, M-Kpr

PENERIMA II

(. Donena)

05/06'2017 - Penerima Barang :

1. Fatmawati, S. Farm. Apt   1.
2. ESA NIDELTI ANSERLI, S.SI, Apt   2.
3. SUDIMAN   3.
4. HERU SANTOSO, S·Ip   4.

57