

Lampiran 2: Tampilan hasil *Global Variable*

The screenshot displays the 'Global Variables Front Panel' interface. It features a menu bar at the top with options: File, Edit, View, Project, Operate, Tools, Window, Help. Below the menu is a toolbar with icons for file operations and search. The main area is divided into several sections:

- Bytes:** A dropdown menu set to 'B' and a numeric input field set to '0'.
- Path:** A text input field.
- Buffer Original:** A text area containing the following data:

```
-81:30hd-  
154.09endt15.87p17.56a37.43accx117.13  
accy117.13accz117.130t77.29c74.64g74.64c74.  
0.47g80.47c80.47g117.13gy117.13gz1  
17.1
```
- Buffer Filter 1:** A text area containing the following data:

```
f43.27p49.73a77.29accx-81:30accy-  
81:30accz-  
81:30t77.29c74.64g74.64c74.  
64g-81:30gy-81:30gz-81:30hd-154.09
```
- Buffer Filter 2:** A text area containing the following data:

```
f43.27p49.73a77.29accx-81:30accy-  
81:30accz-  
81:30t77.29c74.64g74.64c74.  
64g-81:30gy-81:30gz-81:30hd-154.09
```
- Buff-hid:** A text area that is currently empty.
- Sensor Data:** A grid of input fields for various sensors:

Temp	43.27	Longitude	77.29	Gyrox	-81.3
Pressure	49.73	Latitude	77.29	Gyroy	-81.3
Altitude	77.29	Compassx	75	Gyroz	-81.3
Accx	-81.3	Compassy	75	Head Degree	-154.09
Accy	-81.3	Compassz	75		
Accz	-81.3	Of-nan	0		

Lampiran 3: Tabel hasil uji coba secara kuantitatif

Percoba-an	Data + Waktu	Error
1	t29.08p27.35a51.93accx16.92accy16.92accz16.92lo51.93la5 1.93cx9.65cy9.65cz9.65gx16.92gy16.92gz16.92hd-3.15 + 400 ms	
2	t46.97p49.35a82.26accx-97.36accy-97.36accz- 97.36lo82.26la82.26cx18.35cy18.35cz18.35gx-97.36gy- 97.36gz-97.36hd145.49 + 300 ms	
3	t33.31p90.48a73.90accx69.03accy69.03accz69.03lo73.90la7 3.90cx73719.15gz119.15h10gz-77.10hd257.76 + 100 ms	gz119.15h10gz- 77.10hd257.76
4	t8.55p22.42a94.45accx6.99accy6.99accz6.99lo94.45la94.45c x51.14cy51.14cz51.14gx6.99gy6.99gz6.99hd-193.35 + 200 ms	
5	t32.69p69.03a89.90accx50.45accy50.45accz50.45lo89.90la8 9.90cx4.32cy4.32cz4.32gx50.45gy50.45gz50.45hd263.97 + 300 ms	
6	t43.95p81.29a98.44accx-117.91accy-117.91accz- 117.91lo98.44la98.44cx-66.05cy-66.05cz-66.05gx- 117.91gy-117.91gz-117.91hd54.48 + 300 ms	
7	t28.37p35.71a3.83accx-1.71accy-1.71accz- 1.71lo3.83la3.83cx103.68cy103.68cz103.68gx-1.71gy- 1.71gz-1.71hd-88.67 + 200 ms	
8	t27.95p94.97a68.91accx116.26accy116.26accz116.26lo68.9 1la68.91cx106.88cy106.88cz106.88gx116.26gy116.26gz116 .26hd-184.85 + 200 ms	
9	t31.01p36.55a87.10accx6.39accy6.39accz6.39lo87.10la87.10 cx84.23cy84.23cz84.23gx6.39gy6.39gz6.39hd-217.70 + 800 ms	
10	t35.31p80.37a6.50accx-82.51accy-82.51accz- 82.51lo6.50la6.50cx48.48cy48.48cz48.48gx-82.51gy- 82.51gz-82.51hd-245.08 + 300 ms	
11	t49.78p21.77a79.83accx-4.72accy-4.72accz- 4.72lo79.83la79.83cx-62.69cy-62.69cz-62.69gx-4.72gy- 4.72gz-4.72hd198.18 + 200 ms	
12	t33.18p62.26a44.38accx56.58accy56.58accz56.58lo44.38la4 4.38cx-33.38cy-33.38cz- 33.38gx56.58gy56.58gz56.58hd305.23 + 200 ms	
13	t19.06p9.37a24.04accx-68.09accy-68.09accz- 68.09lo24.04la24.04cx-103.72cy-103.72cz-103.72gx- 68.09gy-68.09gz-68.09hd33.25 + 500 ms	

14	t46.69p36.63a55.78accx-111.31accy-111.31accz-111.31lo55.78la55.78cx-75.49cy-75.49cz-75.49gx-111.31gy-111.31gz-111.31hd318.48 + 200 ms	
15	t0.91p34.21a49.59accx114.72accy114.72accz114.72lo49.59la49.59cx62.63cy62.63cz62.63gx114.72gy114.72gz114.72hd-197.92 + 100 ms	
16	t25.71p65.31a39.93.47lo21.66la21.66cx-71.75cy-71.75cz-71.75gx93.47gy93.47gz93.47hd54.81 + 100 ms	.47lo21.66la21.66cx-71.75cy-71.75cz-71.75gx93.47gy93.47gz93.47hd54.81
17	t9.75p78.46a18.06accx49.56accy49.56accz49.56lo18.06la18.06cx97.06cy97.06cz97.06gx49.56gy49.56gz49.56hd139.71 + 700 ms	
18	t4.60p97.64a80.94accx68.05accy68.05accz68.05lo80.94la80.94cx33.28cy33.28cz33.28gx68.05gy68.05gz68.05hd-216.41 + 200 ms	
19	t8.82p23.45a18.11accx-38.36accy-38.36accz-38.36lo18.11la18.11cx99.73cy99.73cz99.73gx-38.36gy-38.36gz-38.36hd-71.55 + 200 ms	
20	t49.18p26.66a62.01accx83.70accy83.70accz83.70lo62.01la62.01cx64.55cy64.55cz64.55gx83.70gy83.70gz83.70hd173.87 + 200 ms	
21	t27.95p18.28a20.59accx-25.31accy-25.31accz-25.31lo20.59la20.59cx4.76cy4.76cz4.76gx-25.31gy-25.31gz-25.31hd35.09 + 200 ms	
22	t26.16p84.73a58.12accx66.91accy66.91accz66.91lo58.12la58.12cx-75.88cy-75.88cz-75.88gx66.91gy66.91gz66.91hd60.74 + 800 ms	
23	t36.72p46.43a14.70accx2.18accy2.18accz2.18lo14.70la14.70cx118.18cy118.18cz118.18gx2.18gy2.18gz2.18hd269.32 + 200 ms	
24	t14.41p90.21a3.56accx77.26accy77.26accz77.26lo3.56la3.56cx-42.16cy-42.16cz-42.16gx77.26gy77.26gz77.26hd-273.60 + 600 ms	
25	t29.43p76.12a40.02accx55.94accy55.94accz55.94lo40.02la40.02cx90.79cy90.79cz90.79gx55.94gy55.94gz55.94hd292.41 + 200 ms	
26	t5.72p99.36a65.40accx55.61accy55.61accz55.61lo65.40la65.40cx13.43cy13.43cz13.43gx55.61gy55.61gz55.61hd172.14 + 300 ms	
27	t2.22p58.97a2.62accx-67.57accy-67.57accz-67.57lo2.62la2.62cx62.64cy62.64cz62.64gx-67.57gy-67.57gz-67.57hd143.73	

	+ 200 ms	
28	t1.67p20.60a55.69accx99.57accy99.57accz99.57lo55.69la55.69cx103.22cy103.22cz103.22gx99.57gy99.57gz99.57hd54.71 + 200 ms	
29	t29.88p2.82a55.18accx-96.38accy-96.38accz-96.38lo55.18la55.18cx100.70cy100.70cz100.70gz-92.21hd297.74 + 100 ms	-92.21gz-92.21hd297.74
30	t46.50p13.10a0.39accx19.97accy19.97accz19.97lo0.39la0.39cx-8.34cy-8.34cz-8.34gx19.97gy19.97gz19.97hd-21.85 + 200 ms	
31	t10.65p49.15a2.47accx-85.42accy-85.42accz-85.42lo2.47la2.47cx69.21cy69.21cz69.21gx-85.42gy-85.42gz-85.42hd20gz51.20hd183.69 + 100 ms	
32	t8.13p62.02a58.42accx-2.26accy-2.26accz-2.26lo58.42la58.42cx-59.26cy-59.26cz-59.26gx-2.26gy-2.26gz-2.26gz-97.25hd-332.66 + 200 ms	gz-97.25hd-332.66
33	t1.88p78.81a83.44accx70.85accy70.85accz70.85lo83.44la83.44cx91.46cy91.46cz91.46gx70.85gy70.85gz70.85hd-283.70 + 500 ms	
34	t3.58p85.40a46.09accx-16.98accy-16.98accz-16.98lo46.09la46.09cx73.24cy73.24cz73.24gx-16.98gy-16.98gz-16.98hd307.03 + 600 ms	
35	t48.16p73.85a88.97accx52.08accy52.08accz52.08lo88.97la88.97cx118.25cy118.25cz118.25gx52.08gy52.08gz52.08hd-200.98 + 200 ms	
36	t37.24p53.600.19lo4.81la4.81cx105.33cy105.33cz105.33gx-40.19gy-40.19gz-40.19hd253.03 + 100 ms	.19lo4.81la4.81cx105.33cy105.33cz105.33gx-40.19gy-40.19gz-40.19hd253.03
37	t39.00p96.25a79.64accx98.18accy98.18accz98.18lo79.64la79.64cx103.69cy103.69cz103.69gx98.18gy98.18gz98.18hd-226.44 + 300 ms	
38	t31.94p27.06a57.14accx-26.36accy-26.36accz-26.36lo57.14la57.14cx-115.41cy-115.41cz-115.41gx-26.36gy-26.36gz-26.36hd64.63 + 200 ms	
39	t11.90p12.20a36.13accx67.78accy67.78accz67.78lo36.13la36.13cx-110.04cy-110.04cz-110.04gx67.78gy67.78gz67.78hd207.99 + 500	
40	t24.64p59.47a51.64accx6.23accy6.23accz6.23lo51.64la51.64cx85.37cy85.37cz85.37gx6.23gy6.23gz6.23hd-207.98 + 200	

41	t43.82p83.86a51.25accx-41.41accy-41.41accz-41.41lo51.25la51.25cx-32.17gz102.17hd329.81 + 100 ms	gz102.17hd329.81
42	t2.62p44.03a42.47accx63.85accy63.85accz63.85lo42.47la42.47cx69.62cy69.62cz69.62gx63.85gy63.85gz63.85hd43.42 + 200 ms	
43	t48.83p81.36a28.02accx41.43accy41.43accz41.43lo28.02la28.02cx-106.41cy-106.41cz-106.41gx41.43gy41.43gz41.43hd268.07 + 200 ms	
44	t22.64p72.75a25.39accx-36.12accy-36.12accz-36.12lo25.39la25.39cx-110.26cy-110.26cz-110.26gx-36.12gy-36.12gz-36.12hd182.34 + 200 ms	
45	t22.64p72.75a25.39accx-36.12accy-36.12accz-36.12lo25.39la25.39cx-110.26cy-110.26cz-110.26gx104.00gy104.00gz104.00hd22.84 + 100 ms	
46	t27.75p64.84a40.28accx109.84accy109.84accz109.84lo40.28la40.28cx74.17cy74.17cz74.17gx109.84gy109.84gz109.84hd-186.53 + 200 ms	
47	t47.04p90.98a19.29accx70.44accy70.44accz70.44lo19.29la19.29cx105.61cy105.61cz105.61gx70.44gy70.44gz70.44hd295.58 + 500 ms	
48	t8.58p33.40a2.32accx-96.38accy-96.38accz-96.38lo2.32la2.32cx5.25cy5.25cz5.25gx-96.38gy-96.38gz-96.38hd189.01 + 200 ms	
49	t22.15p64.50a17.05accx-40.72accy-40.72accz-40.72lo17.05la17.05cx-49.27cy-49.27cz-49.27gx-40.72gy-40.72gz-40.72hd178.31 + 200 ms	
50	t26.15p79.04a33.99accx-51.37accy-51.37accz-51.37lo33.99la33.99cx36.88cy36.88cz36.88gx-51.37gy-51.37gz-51.37hd25.51 + 200 ms	