

# Dokumentasi Tugas Modul 2

**Fitur:** Menunjukkan posisi terbaru drone dengan mengetik 1 dan enter pada keyboard

```
[saddamtitanio@fedora TugasModul2]$ ./src/main
-----
|  DRONE SIMULATION  |
-----

Please select one of the following options:
1. Check drone's current location
2. Move drone
3. Move drone (with speed and time)
4. Undo movement
5. Redo movement
6. Save
7. Quit
Option: 1

Lokasi: (0.00, 0.00)
```

**Fitur:** Simulasi pergerakan drone dengan mengisi nilai x dan y

```
Please select one of the following options:
1. Check drone's current location
2. Move drone
3. Move drone (with speed and time)
4. Undo movement
5. Redo movement
6. Save
7. Quit
Option: 2

x: 20
y: 30
```

```
Please select one of the following options:
1. Check drone's current location
2. Move drone
3. Move drone (with speed and time)
4. Undo movement
5. Redo movement
6. Save
7. Quit
Option: 1

Lokasi: (20.00, 30.00)
```

**Fitur:** Simulasi pergerakan drone dengan mengisi nilai kecepatan, waktu, dan sudut penerbangan

```
Please select one of the following options:
1. Check drone's current location
2. Move drone
3. Move drone (with speed and time)
4. Undo movement
5. Redo movement
6. Save
7. Quit
Option: 3

v: 10
t: 10
theta: 30
```

```
Please select one of the following options:
1. Check drone's current location
2. Move drone
3. Move drone (with speed and time)
4. Undo movement
5. Redo movement
6. Save
7. Quit
Option: 1

Lokasi: (106.60, 80.00)
```

**Fitur:** Sistem history

```
Please select one of the following options:
1. Check drone's current location
2. Move drone
3. Move drone (with speed and time)
4. Undo movement
5. Redo movement
6. Save
7. Quit
Option: 4

Undo berhasil!
```

```
Please select one of the following options:
1. Check drone's current location
2. Move drone
3. Move drone (with speed and time)
4. Undo movement
5. Redo movement
6. Save
7. Quit
Option: 1

Lokasi: (20.00, 30.00)
```

```
Please select one of the following options:
1. Check drone's current location
2. Move drone
3. Move drone (with speed and time)
4. Undo movement
5. Redo movement
6. Save
7. Quit
Option: 5

Redo berhasil!
```

```
Please select one of the following options:
1. Check drone's current location
2. Move drone
3. Move drone (with speed and time)
4. Undo movement
5. Redo movement
6. Save
7. Quit
Option: 1

Lokasi: (106.60, 80.00)
```

## Fitur: Sistem save and load

```
main.cpp  movementLog.txt X
src > movementLog.txt
1 30,30
2 |
```

```
-----
| DRONE SIMULATION |
-----

Please select one of the following options:
1. Check drone's current location
2. Move drone
3. Move drone (with speed and time)
4. Undo movement
5. Redo movement
6. Quit
Option: 1

Lokasi: (30.00, 30.00)
```

```
movementLog.txt - TugasMo
Go Run Terminal Help
main.cpp  movementLog.txt
src > movementLog.txt
1 40,40
2 |

Option: 2
x: 10
y: 10

Please select one of the following options:
1. Check drone's current location
2. Move drone
3. Move drone (with speed and time)
4. Undo movement
5. Redo movement
6. Quit
Option: 1

Lokasi: (40.00, 40.00)
```