

## **TOPIC: Obstacle Avoidance Autonomous Mobile Robot -Simulation**

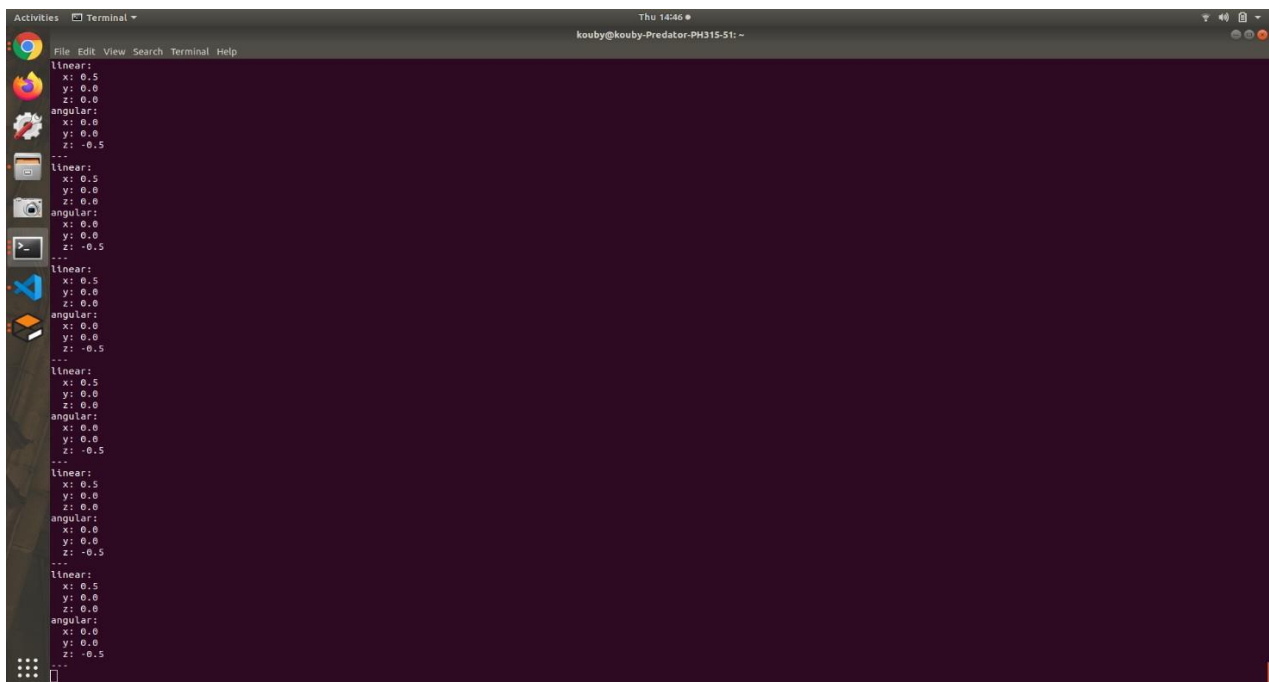
### **TEAM MEMBERS:**

19R211 – BARATH KUMAR J K

20R432 – ASWADH KHUMAR G S

20R433 – JAYASURIYA B G

### **Simulation Screen shots:**



```
linear:
x: 0.5
y: 0.0
z: 0.0
angular:
x: 0.0
y: 0.0
z: -0.5
---
linear:
x: 0.5
y: 0.0
z: 0.0
angular:
x: 0.0
y: 0.0
z: -0.5
---
linear:
x: 0.5
y: 0.0
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z: -0.5
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linear:
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z: 0.0
angular:
x: 0.0
y: 0.0
z: -0.5
---
```

**Fig 1: Shows the Various coordinates of the Robot**

