Implementasi simulasi PRM dengan Matplotlib

```
cd ~/catkin ws/src
catkin create pkg prm ros rospy std msgs geometry msgs
cd prm ros
mkdir scripts config launch
cd scripts
touch prm.py
chmod +x prm.py
cd...
cd config
touch params.yaml
cd ..
cd launch
touch prm.launch
cd ~/catkin ws
catkin make
source devel/setup.bash
roslaunch prm ros prm.launch
```

```
cd ~/catkin_ws/src
catkin_create_pkg prm_ros rospy std_msgs geometry_msgs
```

sudo apt update sudo apt install python3-catkin-tools python3-osrf-pycommon

Probabilistic Roadmap

cd ~/catkin_ws/src git clone https://github.com/nishadg246/Probabilistic-Roadmap.git cd ~/catkin_ws catkin_make source devel/setup.bash

- Terminal lain
- roscore
- Terminal awal rosrun rrt-planning rrt
- Terminal lain rosrun rviz rviz

RRT ROS

cd cd ~/catkin_ws/src git clone https://github.com/malintha/rrt-ros.git cd ~/catkin_ws
catkin_make
source devel/setup.bash
echo "source ~/catkin_ws/devel/setup.bash" >> ~/.bashrc
source ~/.bashrc

- Terminal lain
- roscore
- Terminal awal rosrun rrt-planning rrt
- Terminal lain rosrun rviz rviz