**Instructions**

The code is programmed in Python, specifically python3.

The dependencies are as follows:

Matplotlib – pip install matplotlib

Shapely – pip install shapely

Tkinter- apt-get **install** python-tk

**Name of the Source Code File:**

astar\_point.py

astar\_rigid.py

dijkstra\_point.py

dijkstra\_rigid.py

**If running it on Ubuntu Terminal use:**  
python3 <<nameOfFile>

**On Running the code, GUI will be generated showing:**

* Nodes explored
* Optimal Path