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Robotics HW5 | P2 README

How to Run (using python 3)

First cd into the hw5 directory then run the following commands.

- `$ python visualize_map.py world_obstacles.txt start_goal.txt`
- `$ python obprm.py world_obstacles.txt start_goal.txt`
- `$ python rrt.py world_obstacles.txt start_goal.txt`
- `$ python rrt_2.py world_obstacles.txt start_goal.txt`

Implementation

- Packages Used
 - Scipy
 - Shortest path
 - Spatial
 - Euclidean distance
 - Scikit-learn
 - Nearest Neighbors
 - Shapely
 - Numpy
 - Matplotlib
 - Pyplot
 - Path
 - Patches
 - Lines
 - Random