

## Running the code

Simply run `PRM_test.py` to see the result of the 3R planar arm, `PRM_test2.py` for the 4R, and `PRM_test3.py` for the 2R. Make sure you have installed all the necessary libraries using terminal. The shapely library can be installed at this link: <https://pypi.org/project/shapely/> and matplotlib can be installed with the command below.

```
pip install matplotlib
```