

Simulation output:

```
/Users/thibaulttwahirwa/PycharmProjects/pythonProject/venv/bin/python  
/Users/thibaulttwahirwa/PycharmProjects/pythonProject/main.py  
iterations used : 1000000 iter
```

values in seconds for every 10 seconds move

Collision with non diagnol :

mean of simulation is 535.325

std of simulation is 437.8059951336892

std Error of simmulation is 0.43780621403685094

iterations used : 1000000 iter

values in seconds for every 10 seconds move

Collision with diagnol :

mean of simulation is 536.13781

std of simulation is 439.09370479250083

std Error of simmulation is 0.43909392433951794

Process finished with exit code 0