**Hands-on task**

1. **PRM:**
   1. The function GeneratePRM is implemented in PRM.py.
   2. The plots of different PRM’s are provided below. Obstacles are in red, edges in black and nodes in blue. Number of edges an number of average node degree are indicated for each graph configuration.
2. **Graph search:**

We implemented the Dijkstra algorithm in GraphSearch.py.

The plot for the shortest path: