

## **Search Algorithms - README**

### **Overview**

This Assignment includes:

- Breadth-First Search (BFS)
- Depth-First Search (DFS)
- A\* Search
- Greedy Algorithm
- (and Report)
- Additionally Tree Diagram

### **Files**

- BFS.py
- DFS.py
- Astar.py
- Greedy.py
- 2.Report.txt (Contains a report from #2 (15 marks))

### **How to Run**

1. **Run :**
  - For BFS: python BFS.py f
  - For DFS: python DFS.py
  - For A\* Search: python Astar.py
  - For Greedy Search: python Greedy.py
2. **View Report:**
  - Open 2.Report.txt for details on the algorithms and their performance.