```
user@akshaya-kotra:~$ python3 AI_2.py
Enter grid size n: 3
Enter grid rows (space-separated, 0 for free, 1 for blocked):
1 0 0
1 1 0
1 1 0
Best First Search → Path length: -1
A* Search → Path length: -1
user@akshaya-kotra:~$ python3 AI_2.py
Enter grid size n: 3
Enter grid rows (space-separated, 0 for free, 1 for blocked):
0 0 0
1 1 0
1 1 0
Best First Search → Path length: 4 , Path: [(0, 0), (0, 1), (1, 2), (2, 2)]

A* Search → Path length: 4 , Path: [(0, 0), (0, 1), (1, 2), (2, 2)]

user@akshaya-kotra:~$ python3 AI_2.py

Enter grid size n: 2
Enter grid rows (space-separated, 0 for free, 1 for blocked):
0 1
Best First Search \rightarrow Path length: 2 , Path: [(0, 0), (1, 1)]
A* Search \rightarrow Path length: 2 , Path: [(0, 0), (1, 1)]
```