

Name:Umesha H N

USN:1BM24CS428

Current Room: Room A

Room Status: {'Room A': 0, 'Room B': 0}

Total Cost So Far: 0

Enter action (clean/move/clean and move): move

Moving to Room B.

Current Room: Room B

Room Status: {'Room A': 0, 'Room B': 0}

Total Cost So Far: 1

Enter action (clean/move/clean and move): clean

Cleaning Room B...

Room B is now clean.

Current Room: Room B

Room Status: {'Room A': 0, 'Room B': 1}

Total Cost So Far: 2

Enter action (clean/move/clean and move): clean and move

Room B is already clean.

Moving to Room A.

Current Room: Room A

Room Status: {'Room A': 0, 'Room B': 1}

Total Cost So Far: 3

Enter action (clean/move/clean and move): clean

Cleaning Room A...

Room A is now clean.

All rooms are clean! Simulation finished.

Total Cost of Cleaning: 4