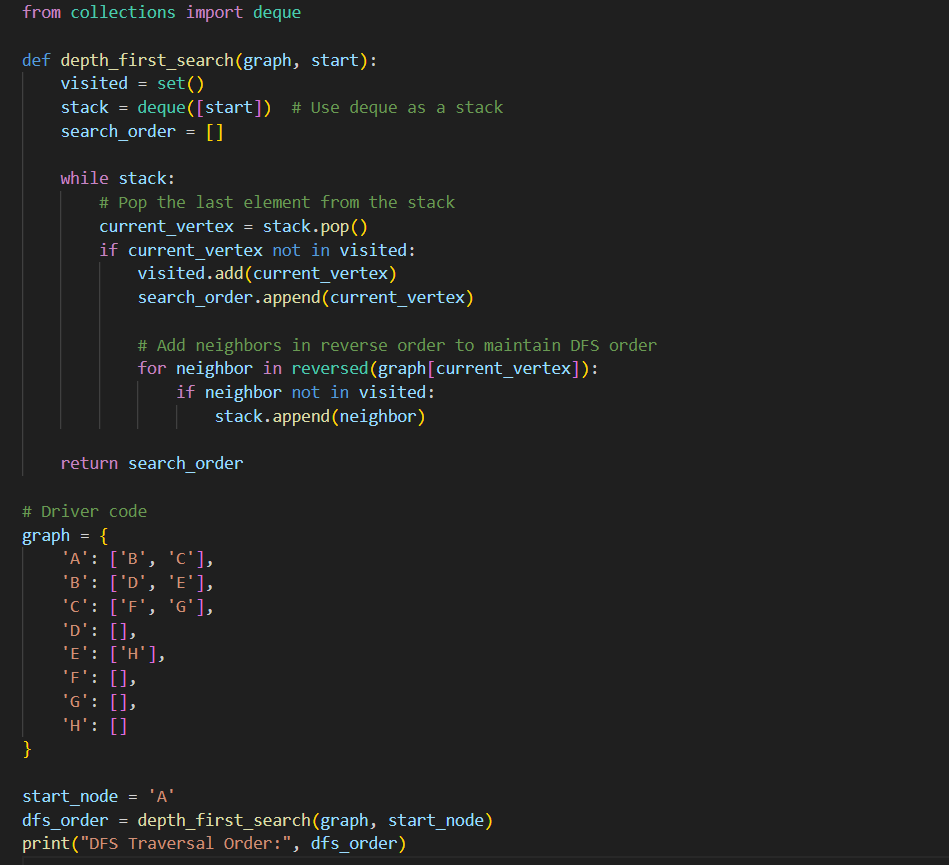
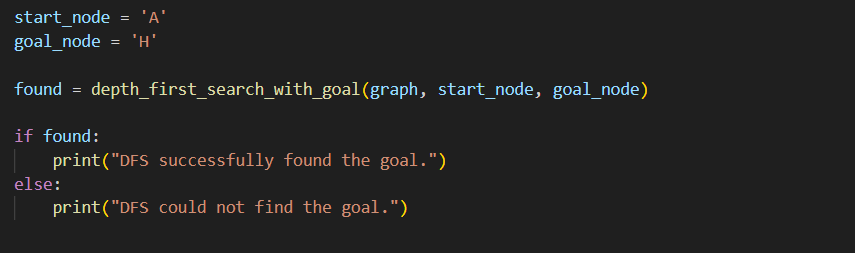
**PRACTICAL No.5 [DEPTH FIRST SEARCH]**

**1.Write a Program to Implement Depth First Search without goal state using Python.**

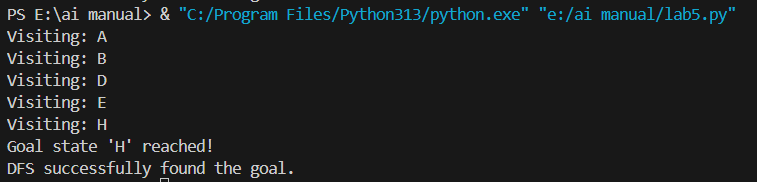


**OUTPUT:**

**2.Write a Program to Implement Depth First Search with goal state using Python.**

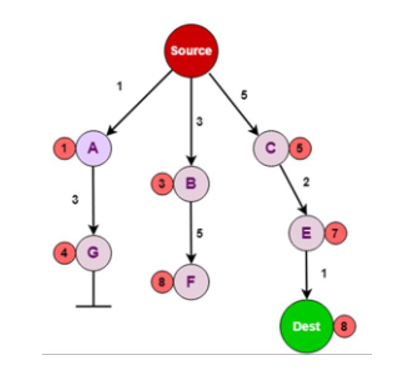


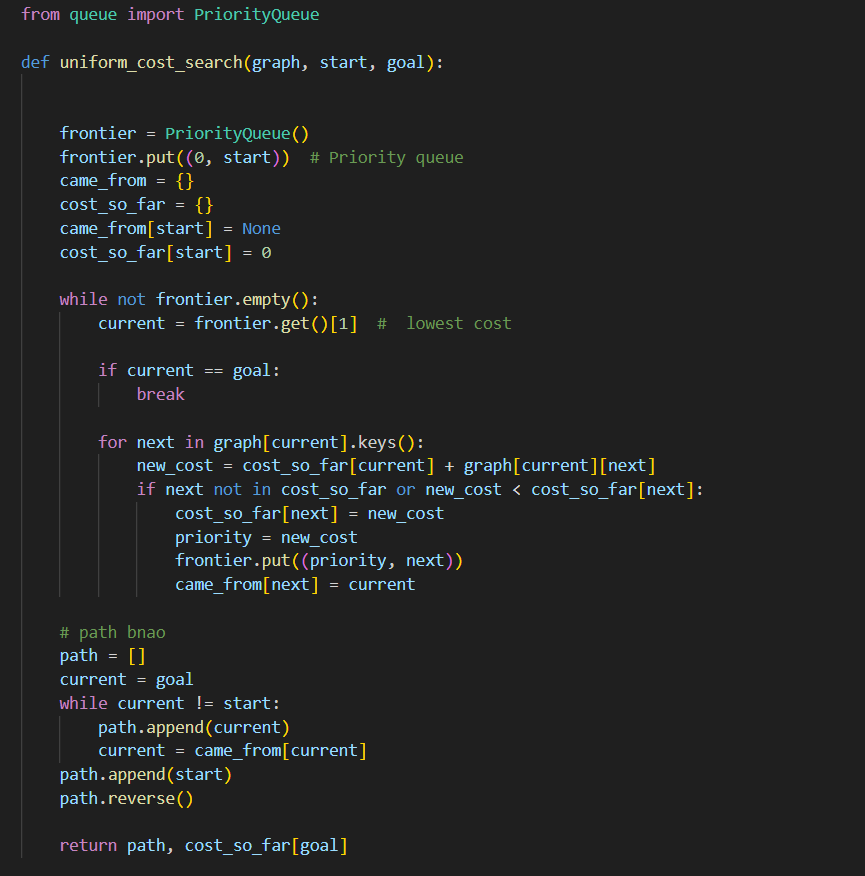
**OUTPUT:**

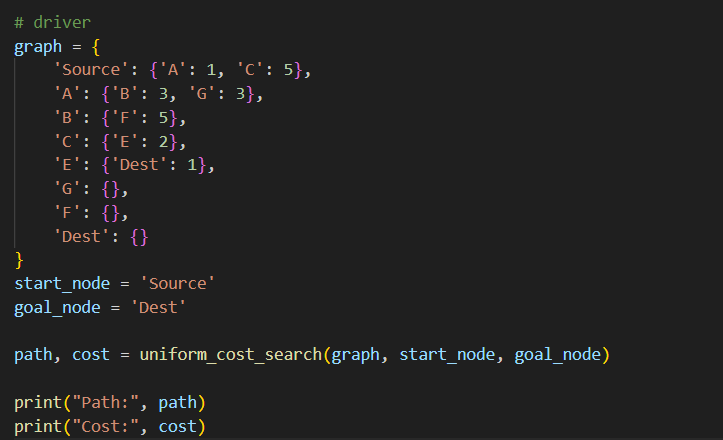


**PRACTICAL No.6 [UNIFORM COST SEARCH]**

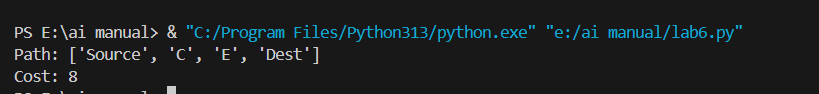
**1.Write a Program to Implement Uniform-cost Search using Python.**



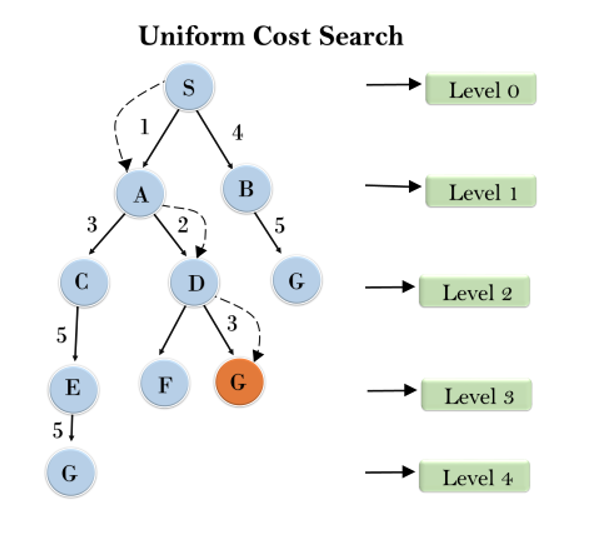


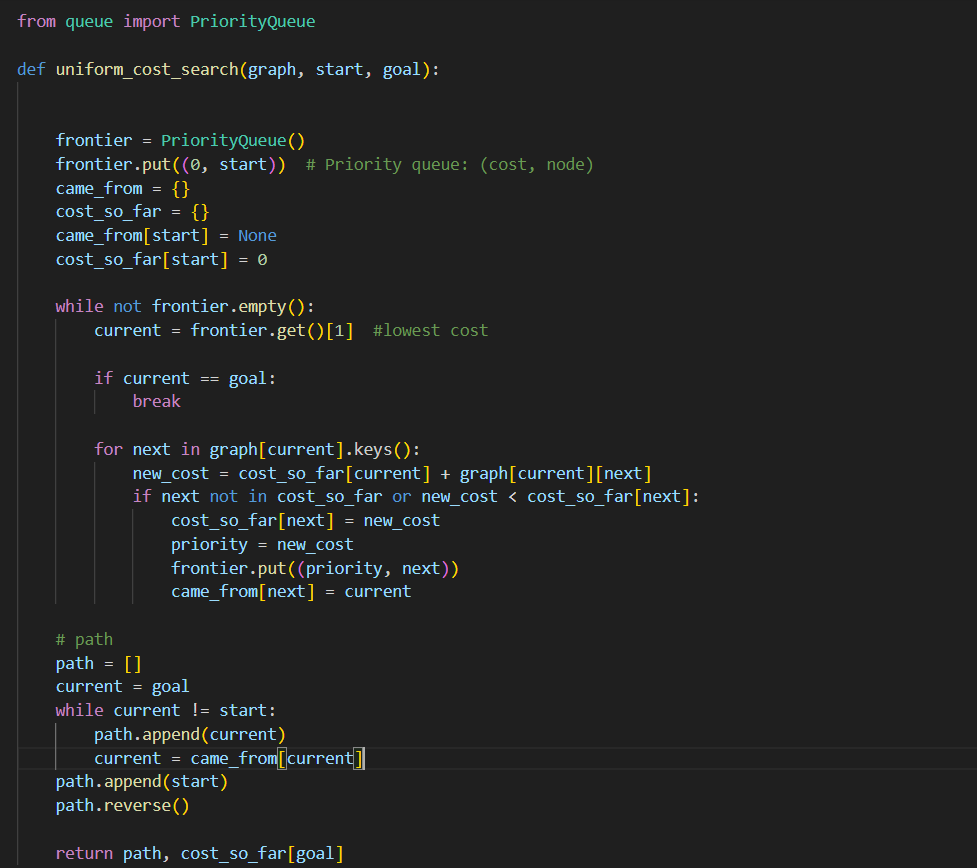


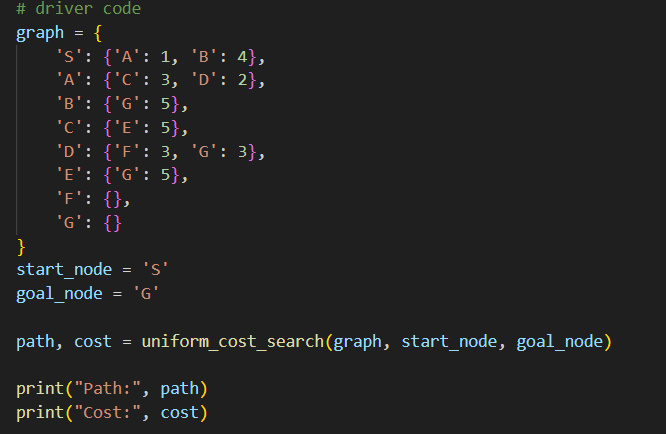
**OUTPUT:**



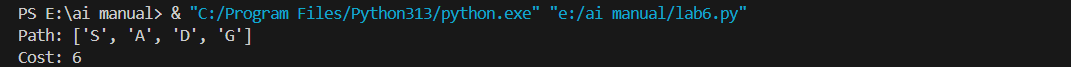
**2.Write a Program to Implement Uniform-cost Search using Python.**





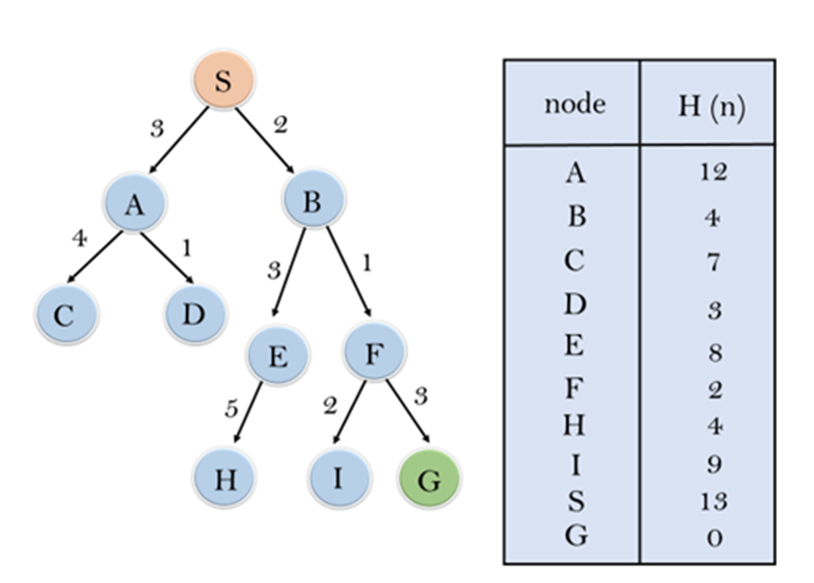


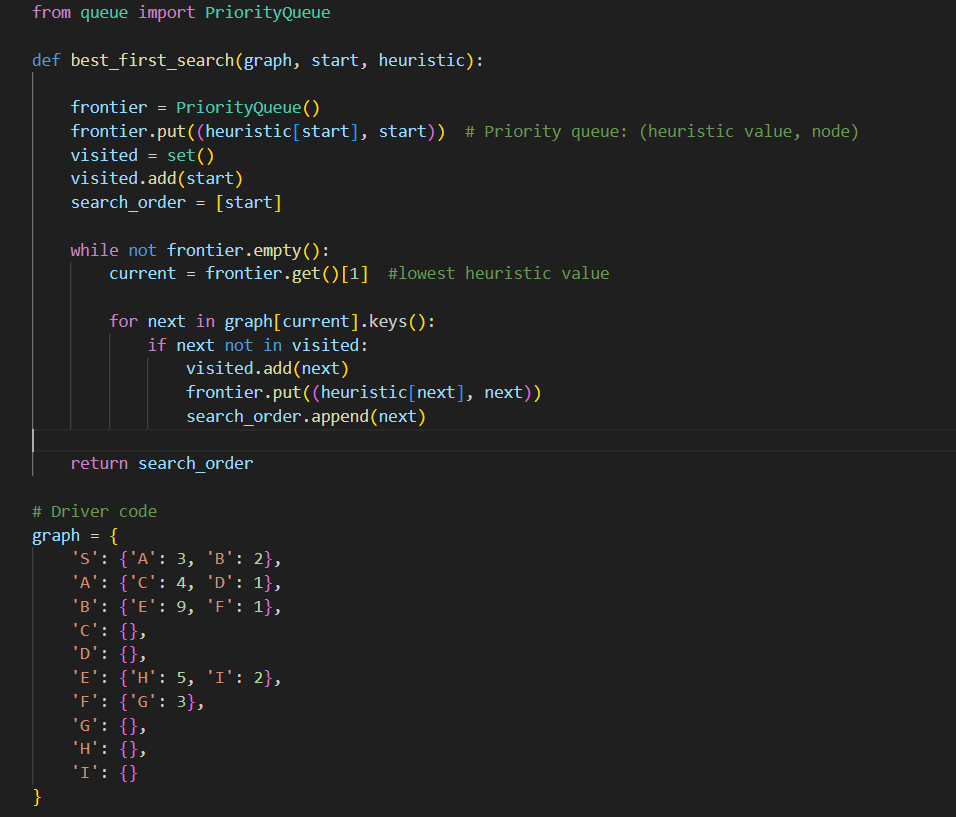
**OUTPUT:**

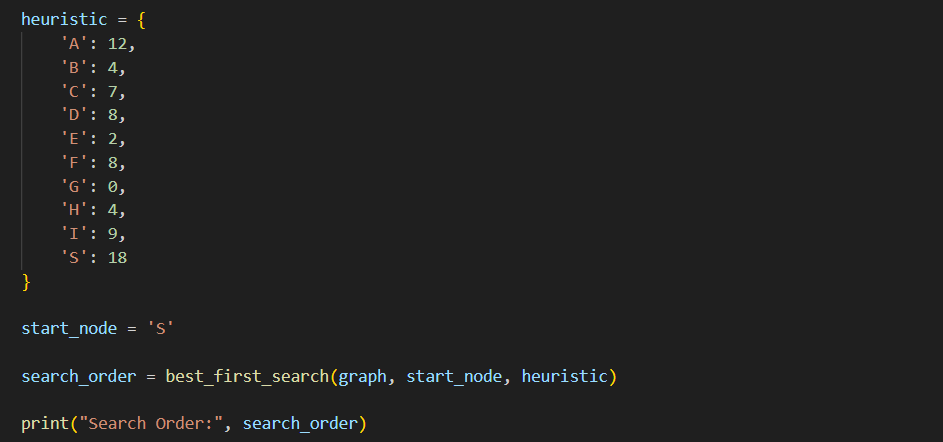


**PRACTICAL No.7 [BEST FIRST SEARCH]**

**1.Write a Program to Implement Best First Search without goal state using Python.**





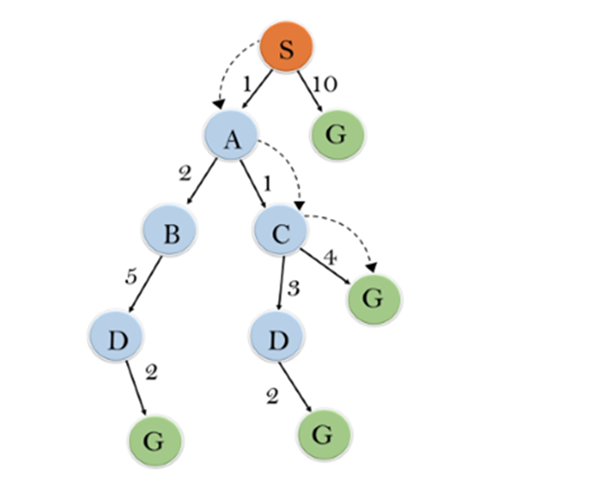
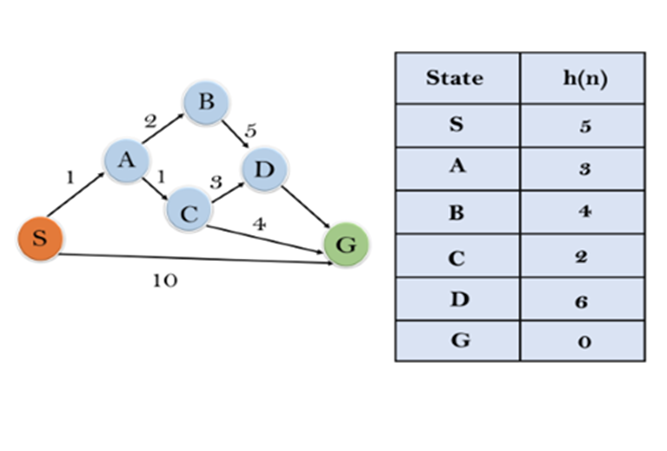


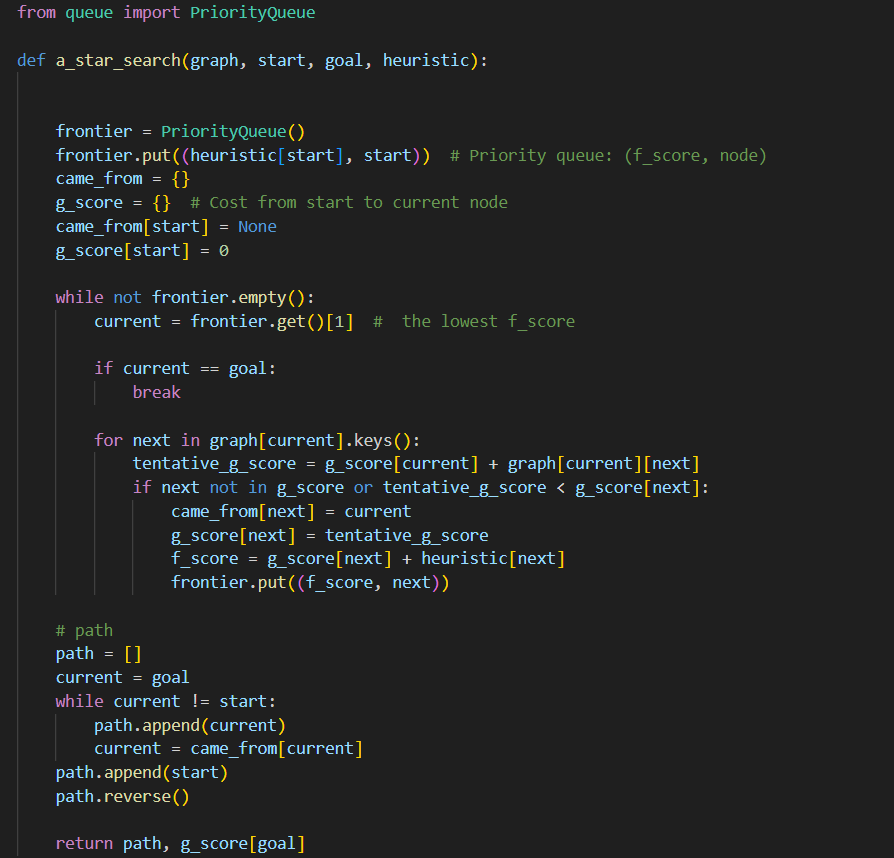
**OUTPUT:**

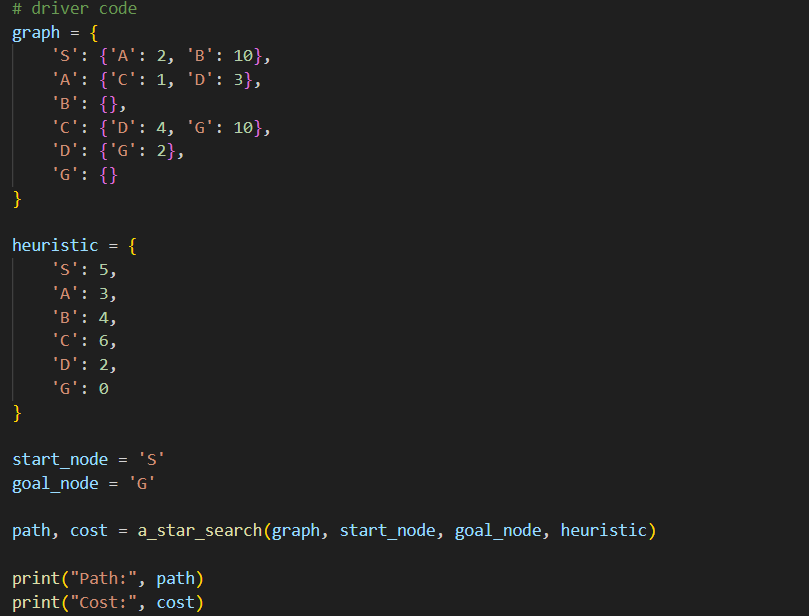


**PRACTICAL No.8 [A\* SEARCH]**

Write a Program to Implement A\* Search using Python.







**OUTPUT:**

