



Experiment 2.2

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Branch: Computer Section/Group:- 1/B

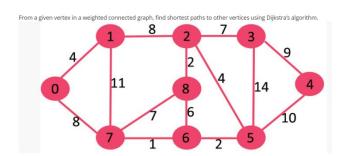
Semester: One Date of Performance: 27/11/2022

Subject Name:- Design & Analysis of Algorithms Lab Subject Code: 22CAP-646

Task to be done:

Steps for experiment/practical:

copy and paste your code here/screenshots



```
Dijkstra.cpp - DA - Visual Studio Code
                                               Run Terminal
                                              C·· Dijkstra.cpp X
                              同の計却
                                              C Dijkstra.cpp > ♂ dijkstra(int [V][V], int)
        > 💌 .vscode
          C Dijkstra.cpp
                                                        using namespace std;
          Dijkstra.exe
          knapsack_dp.cpp
          C·· knapstack.cpp
          kpk_dp.exe kps_dp.exe
                                                        int minDistance(int dist[], bool sptSet[])
          kps.exe
          marge.exe
C margesort.cpp
           margesort.exe
          C node.cpp
                                                             for (int v = 0; v < V; v++)
| if (sptSet[v] = false & dist[v] ≤ min)
          PrimeCount.cpp
          C++ q.cpp
          q.exe
             quicksort.c
          C·· quicksort.cpp
                                                        void printSolution(int dist[])
           quicksort.exe
                                                             cout << "Vertex \t Distance from Source" << endl;
for (int i = 0; i < V; i++)
   cout << i << " \t\t\t" << dist[i] << endl;</pre>
           QuickSort.java
```





```
≍ File
                         C·· Dijkstra.cpp X
                          ∨ DA
Ð
    > 🔯 .vscode
      C·· Dijkstra.cpp
      Dijkstra.exe
      C knapsack dp.cpp
      C++ knapstack.cpp
      □ kpk_dp.exe
□ kps_dp.exe
      kps.exe marge.exe
C·· margesort.cpp
      margesort.exe
                                     C PrimeCount.cpp
      q.exe
      c guicksort.c
      C quicksort.cpp
      QuickSort.java
      quicksortc.exe
   > OUTLINE
   > TIMELINE
```

Output (screenshots)

Learning outcomes (What I have learnt): Times new roman 12 size

Evaluation Grid:

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.	Demonstration and Performance		22
	(Quiz)		
2.	Worksheet		8