Q Search

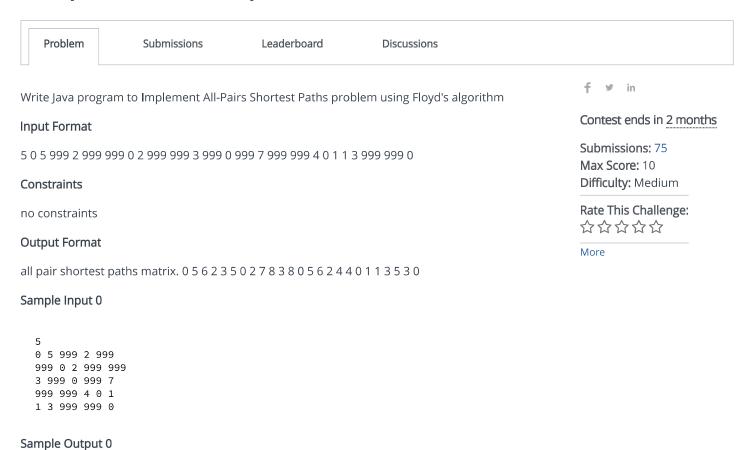




All Contests > DAA_LAB > All_pair_Shortest_path

all pair shortest paths matrix.

All_pair_Shortest_path



```
13 System.out.println("all pair shortest paths matrix.");
14 ▼for(i=1;i<=n;i++) {
15 ▼for(j=1;j<=n;j++) {
16 ▼System.out.print(cost[i][j]+" ");
17 }
18 System.out.println();
19
20 }
21 ▼public int min(int i,int j) {
22 | if(i<j)
23 return i;
24 else
25 return j;
26 }
27 ▼public static void main(String[] args) {
28   Scanner sc=new Scanner(System.in);
29 //System.out.println("Enter the no of vertices: ");
30 n=sc.nextInt();
31 vint cost[][]=new int[n+1][n+1];
32 //System.out.println("Enter the cost matrix:");
33 for(i=1;i<=n;i++)
34 for(j=1;j<=n;j++)
35 ▼cost[i][j]=sc.nextInt();
36 Floyds f = new Floyds();
37 f.floyd(n,cost);
38 }
39 }
                                                                                           Line: 39 Col: 1
```

<u>♣ Upload Code as File</u> Test against custom input

Run Code

Submit Code

Testcase 0 ✓

Congratulations, you passed the sample test case.

Click the Submit Code button to run your code against all the test cases.

Input (stdin)

```
5
0 5 999 2 999
999 0 2 999 999
3 999 0 999 7
999 999 4 0 1
1 3 999 999 0
```

Your Output (stdout)

```
all pair shortest paths matrix.
0 5 6 2 3
5 0 2 7 8
3 8 0 5 6
2 4 4 0 1
1 3 5 3 0
```

Expected Output

```
all pair shortest paths matrix.
0 5 6 2 3
5 0 2 7 8
3 8 0 5 6
```

2 4 4 0 1 1 3 5 3 0

Interview Prep | Blog | Scoring | Environment | FAQ | About Us | Support | Careers | Terms Of Service | Privacy Policy |