Enter the numbers of entries: 5

Enter the numbers: 1

Enter the numbers: 2

Enter the numbers: 4

Enter the numbers: 5

Enter the numbers: 7

If edge is not present then enter the value -1

Enter the weight of the edge between 1 & 2: 5

Enter the weight of the edge between 1 & 4: 2

Enter the weight of the edge between 1 & 5: 8

Enter the weight of the edge between 1 & 7: 1

Enter the weight of the edge between 2 & 4: 2

Enter the weight of the edge between 2 & 5: 6

Enter the weight of the edge between 2 & 7: 5

Enter the weight of the edge between 4 & 5: 4

Enter the weight of the edge between 4 & 7: 3

Enter the weight of the edge between 5 & 7: 2

1 2 4 5 7

1 -1 5 2 8 1

2 5 -1 2 6 5

4 2 2 -1 4 3

5 8 6 4 -1 2

7 1 5 3 2 -1

Min : 2

Min : 2

Min : 1

Min : 2

Final shortest cost in graph is :7