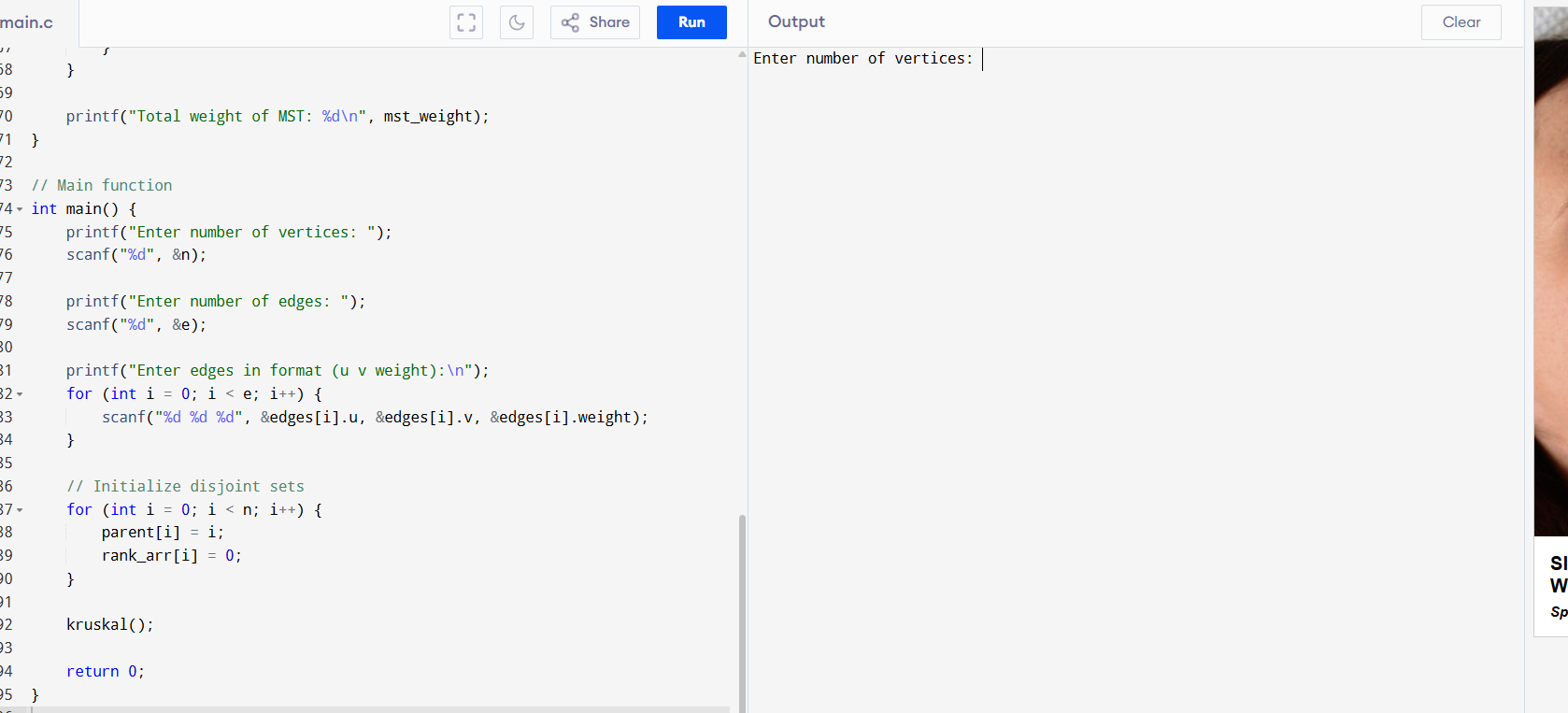
**AIM:**

To implement **Kruskal’s Algorithm** in C to find the **Minimum Spanning Tree (MST)** of a weighted undirected graph using the **Disjoint Set Union (Union-Find)** data structure.

**📘 KRUSKAL'S ALGORITHM OVERVIEW:**

1. Sort all edges in non-decreasing order of their weight.
2. Pick the smallest edge and check if it forms a cycle using Union-Find.
3. If no cycle, include this edge in MST.
4. Repeat until MST contains V-1 edges.



**SAMPLE OUTPUT:**

Enter number of vertices: 5

Enter number of edges: 7

Enter edges in format (u v weight):

0 1 2

0 3 6

1 2 3

1 3 8

1 4 5

2 4 7

3 4 9

Edges in MST:

U - V : Weight

0 - 1 : 2

1 - 2 : 3

1 - 4 : 5

0 - 3 : 6

Total weight of MST: 16