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class Graph:
  def __init__(self, vertices):
    self.V = vertices
    self.graph = []
  def add_edge(self, u, v, weight):
    self.graph.append([u, v, weight])
  def find(self, parent, i):
    if parent[i] == i:
       return i
     return self.find(parent, parent[i])
  def union(self, parent, rank, x, y):
    root_x = self.find(parent, x)
    root_y = self.find(parent, y)
    if rank[root_x] < rank[root_y]:</pre>
       parent[root_x] = root_y
    elif rank[root_x] > rank[root_y]:
       parent[root_y] = root_x
    else:
       parent[root_y] = root_x
       rank[root_x] += 1
  def kruskal_mst(self):
    result = []
    i = 0
    e = 0
    self.graph = sorted(self.graph, key=lambda item: item[2])
    parent = []
     rank = []
     for node in range(self.V):
       parent.append(node)
```

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rank.append(0)
    while e < self.V - 1:
       u, v, weight = self.graph[i]
      i += 1
       x = self.find(parent, u)
       y = self.find(parent, v)
       if x != y:
         e += 1
         result.append([u, v, weight])
         self.union(parent, rank, x, y)
    self.print_mst(result)
  def print_mst(self, result):
    print("Edge \tWeight")
    for u, v, weight in result:
       print(f"{u} - {v}\t{weight}")
# Example usage
g = Graph(4)
g.add_edge(0, 1, 10)
g.add_edge(0, 2, 6)
g.add_edge(0, 3, 5)
g.add_edge(1, 3, 15)
g.add_edge(2, 3, 4)
```

g.kruskal_mst()