```
97) Boruvka's Algorithm
CODE:
INF = 99999999
V = 5
G = [[0, 9, 75, 0, 0],
   [9, 0, 95, 19, 42],
   [75, 95, 0, 51, 66],
   [0, 19, 51, 0, 31],
                       [0,
42, 66, 31, 0] selected = [0,
0, 0, 0, 0] no edge = 0
selected[0] = True
print("Edge : Weight\n")
while (no edge \leq V - 1):
  minimum = INF \quad x = 0
                            y = 0
   for i in range(V):
     if selected[i]:
        for j in range(V):
         if ((not selected[j]) and G[i][j]):
             if minimum > G[i][j]:
minimum = G[i][j]
              x = i
               y = i
  print(str(x) + "-" + str(y) + ":" + str(G[x][y]))
selected[y] = True no edge += 1 OUTPUT:
   C:\Windows\system32\cmd.e: X
 Edge : Weight
 0-1:9
 1-3:19
 3-4:31
 3-2:51
 Press any key to continue . . .
```

TIME COMPLEXITY: O(n<sup>2</sup>)