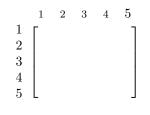
Solve the TSP for the given graph using branch & bound method. Expected answers:

- 1. The solution tree until an optimal result is obtained.
- 2. The tour cycle and its total weight.
- 3. Explanation for the creation of just two nodes the root and one more node.



 $\begin{array}{l} x = \mbox{ will tell } \\ y = \mbox{ will tell } \end{array}$