**4. Implement Agglomerative Algorithm for Clustering :**

|  |
| --- |
| from scipy.cluster.hierarchy import linkage, dendrogram import matplotlib.pyplot as plt  X = [[1, 2], [1, 4], [1, 0],      [4, 2], [4, 4], [4, 0]]  Z = linkage(X, 'ward')  dendrogram(Z) plt.show() |

OUTPUT :

