Practical 6

AIM:  
CODE:  
graph={0:[1,3],1:[0,2,3],2:[4,1,5],3:[4,0,1],4:[2,3,5],5:[4,2]}

print("The adjacency list representing the graph is: ")

print(graph)

vertices=set(graph.keys())

print("The vertices of the graph are: ")

print(vertices)

OUTPUT:

The adjacency list representing the graph is:

{0: [1, 3], 1: [0, 2, 3], 2: [4, 1, 5], 3: [4, 0, 1], 4: [2, 3, 5], 5: [4, 2]}

The vertices of the graph are:

{0, 1, 2, 3, 4, 5}