In graph is a non linear data structure as a tree

Vertex, edges,

In graph there is no parent and child node concept .Each node is connected with any direction.

Node is called as vertex

Edges are called as connection/edges

Type of Graphs:-

vertex

1)directed Graph = Graph which have direction

2) undirected graph = which have no direction

3)Weighted graph = each edges have weight but no direction

4) unweighted graph = each edges have doest have weight

Graph Representation:-

1)Adjancy Matrix

2)Adjancy list

In Graph also searching two technique:-

1)BFS:-

2)DFS:-