Enter no. of vertices:4

enter the first vertex 1

enter the next vertex 2

do you want to enter another edge (1-yes 2-no)1

enter the first vertex 2

enter the next vertex 3

do you want to enter another edge (1-yes 2-no)1

enter the first vertex 1

enter the next vertex 4

do you want to enter another edge (1-yes 2-no)1

enter the first vertex 3

enter the next vertex 4

do you want to enter another edge (1-yes 2-no)1

enter the first vertex 1

enter the next vertex 3

do you want to enter another edge (1-yes 2-no):2

Adjacency matrix

V 1 V 2 V 3 V 4

V 1 0 1 1 1

V 2 1 0 1 0

V 3 1 1 0 1

V 4 1 0 1 0

BFS

1 2 3 4