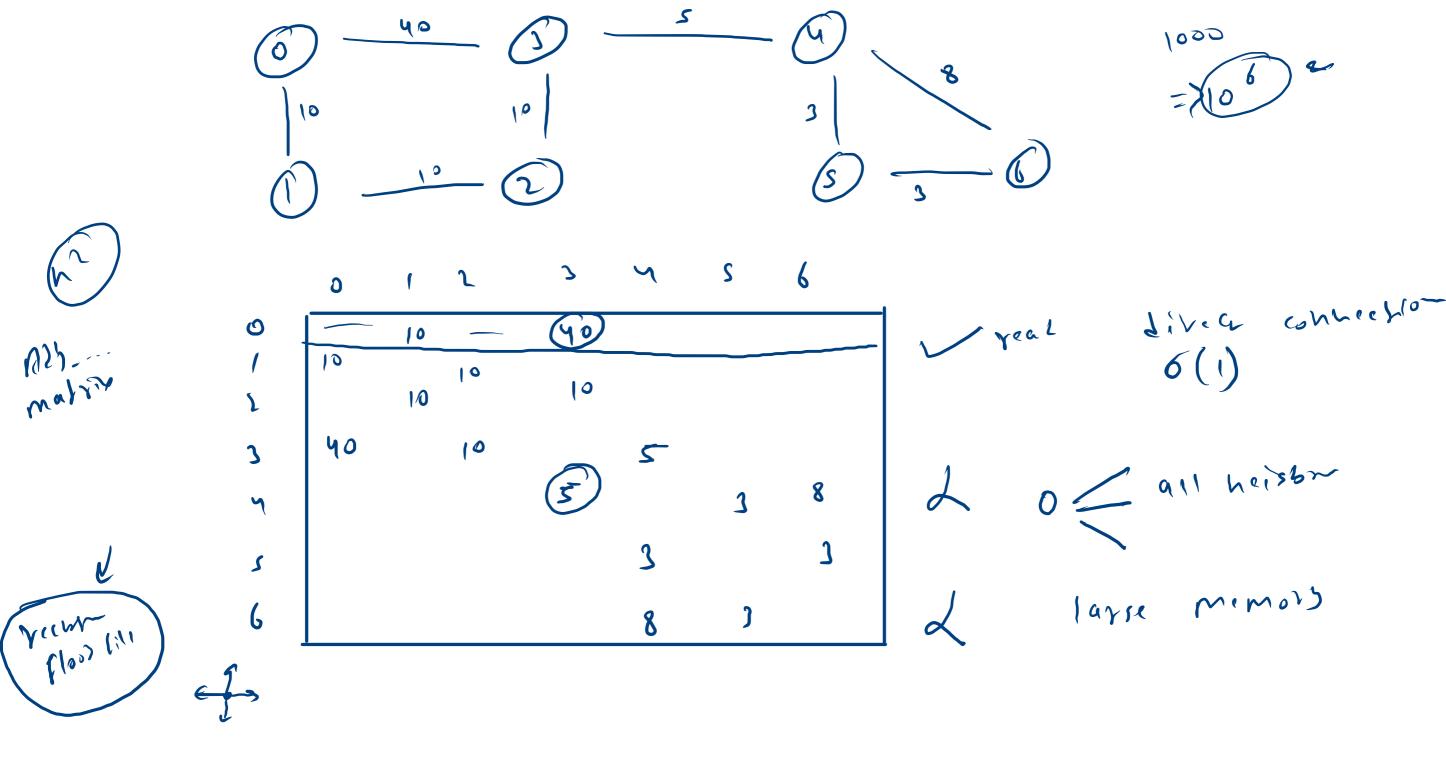
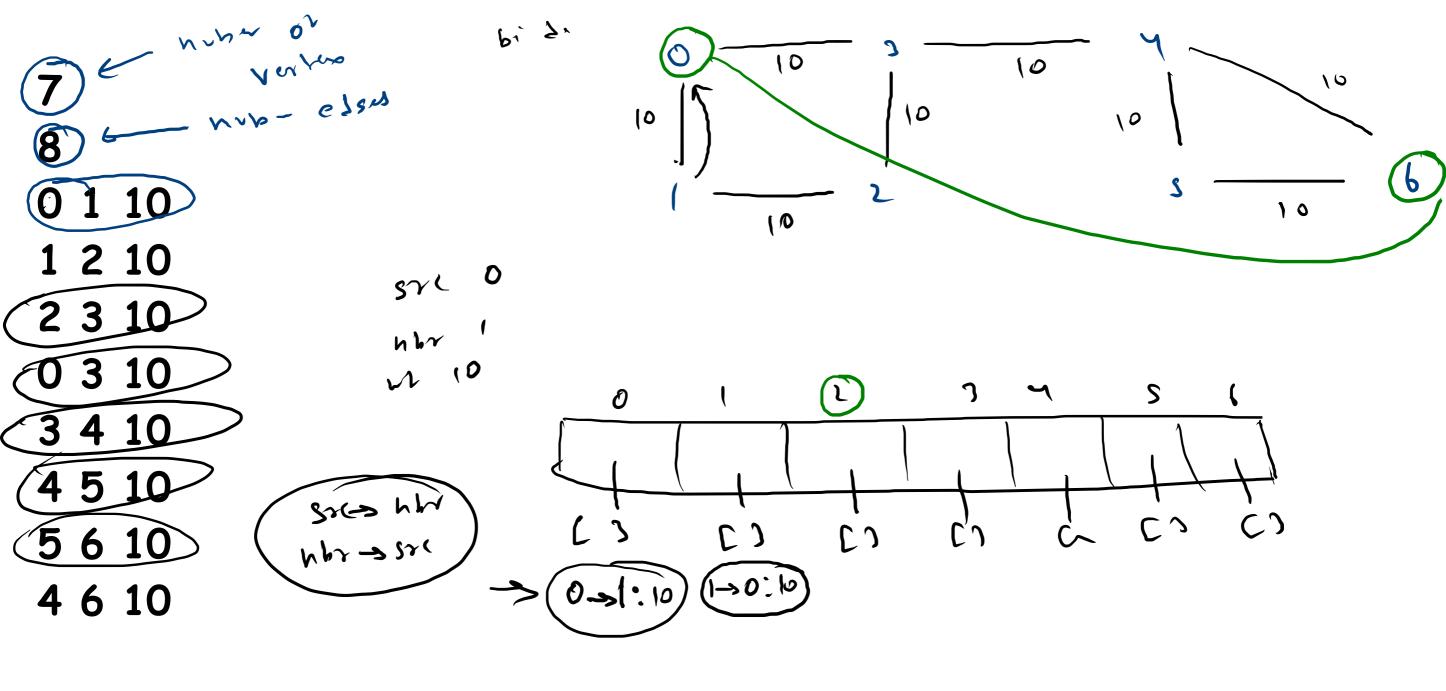
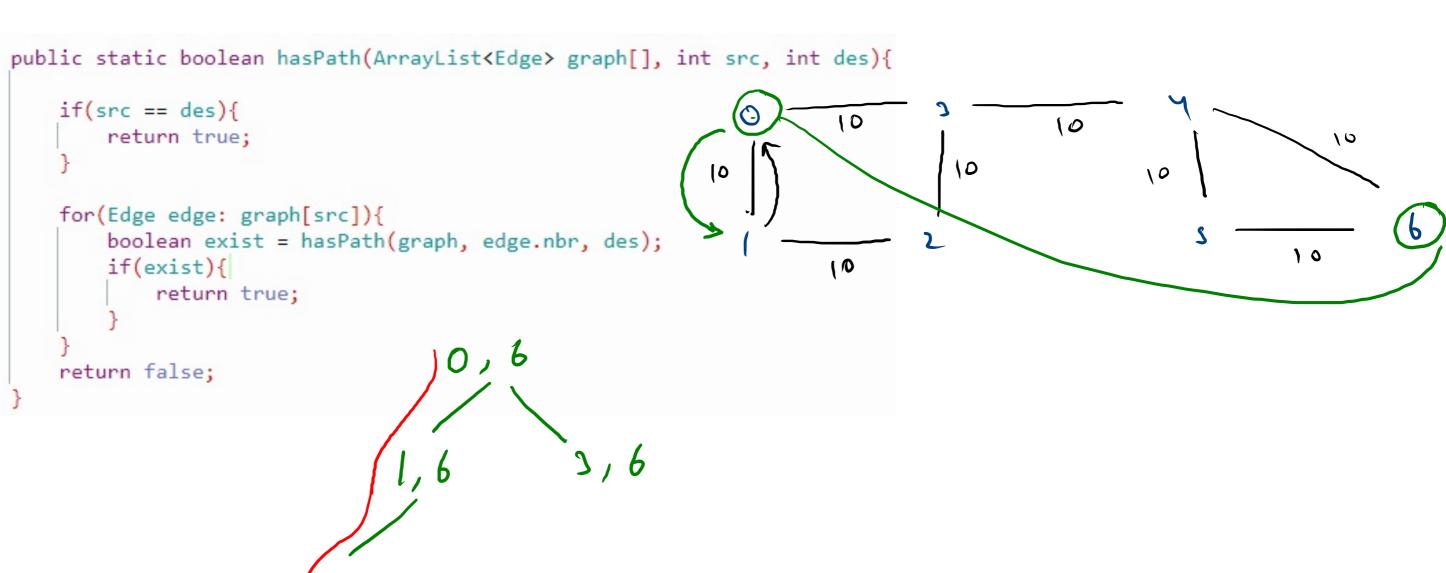


hraph W 62) E Edge vertup Charh hespath 5 40 Varxo 8 Edge A-N 10 ADEBCL 5m &50 ADe 1337

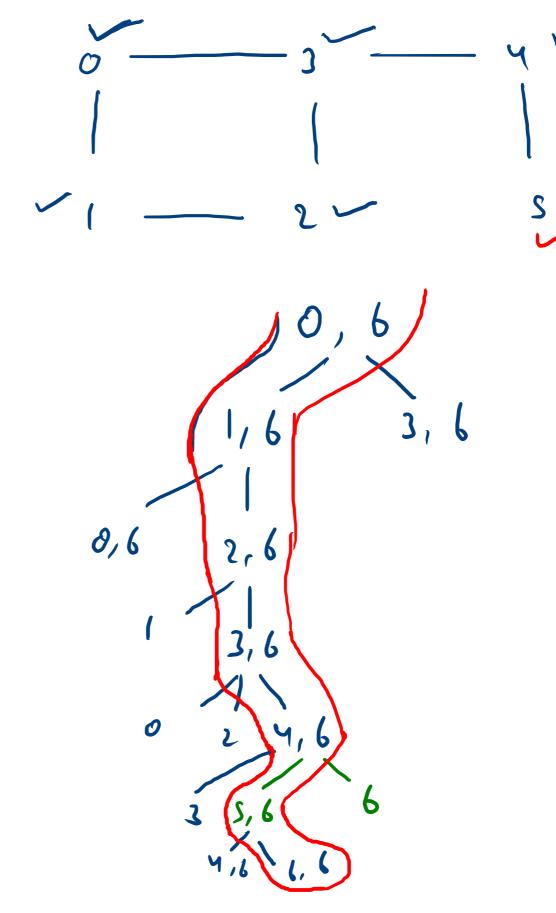


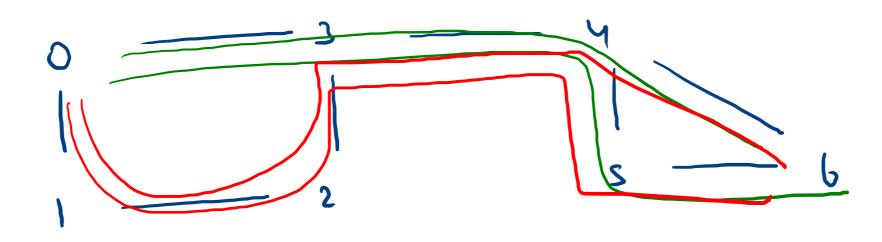
40 1000 clar Edge 2 in sur 3 10 int up, 5 int teirnt 2 -> 1:10 2 -> 1:10 3 -> 4:5 / 2 -> 0:40/ 2 2 2 19 S



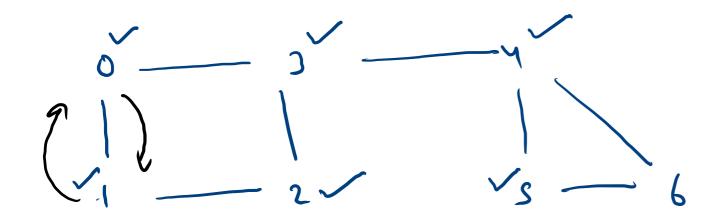


```
public static boolean hasPath(ArrayList<Edge> g
    if(src == des){
        return true;
    }
    visited[src] = true;
    for(Edge edge: graph[src]){
        if(visited[edge.nbr] == true)continue;
        boolean exist = hasPath(graph, edge.nbr
        if(exist){
            return true;
        }
    }
    return false;
}
```

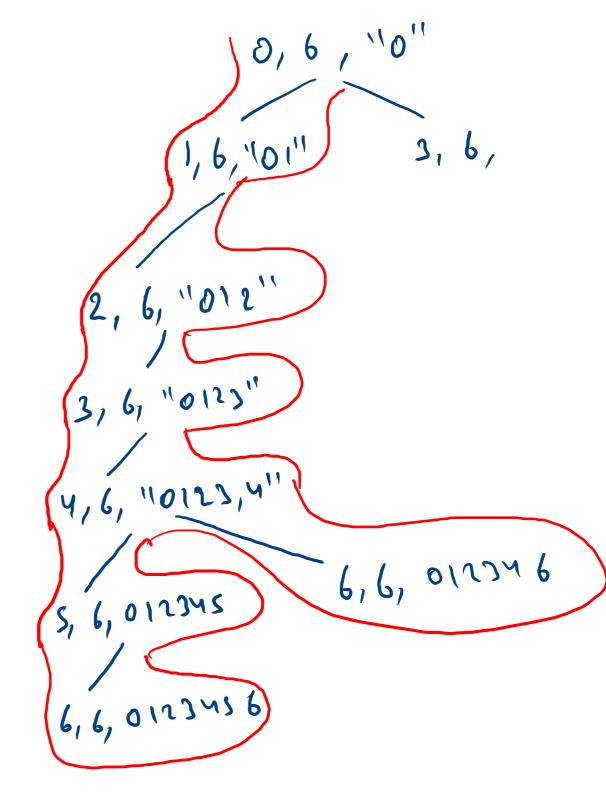


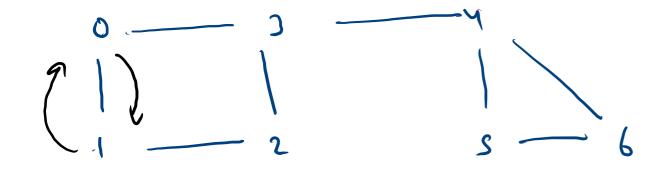


sor o
des 6



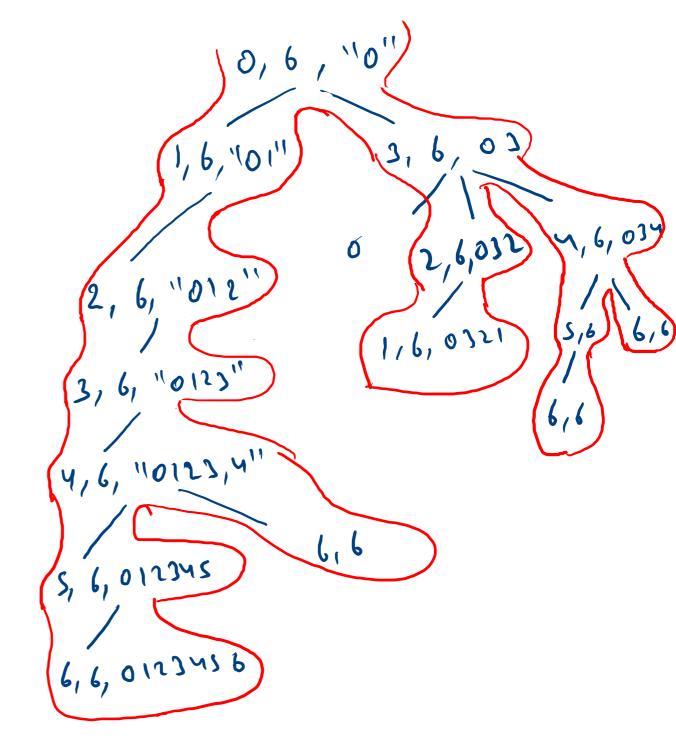
```
public static void hasPath(ArrayList<Edge> graph[], int src, int de
    if(src == des){
        System.out.println(path);
        return;
    }
    visited[src] = true;
    for(Edge edge: graph[src]){
        if(visited[edge.nbr] == false){
            hasPath(graph, edge.nbr, des, visited, path+edge.nbr);
        }
    }
}
```





```
public static void hasPath(ArrayList<Edge> graph[], int src, int de
    if(src == des){
        System.out.println(path);
        return;
    }
    visited[src] = true;
    for(Edge edge: graph[src]){
        if(visited[edge.nbr] == false){
            hasPath(graph, edge.nbr, des, visited, path+edge.nbr);
        }
    visited[src] = false;
}

visited[src] = false;
}
```



- 1. You are given a graph, a src vertex and a destination vertex.
 - 2. You are give a number named "criteria" and a number "k".
 - 3. You are required to find and print the values of
-) with terms 3.1 Smallest path and (t's weight separated by an "@"
 - 3.2 Largest path and it's weight separated by an "@"
- Cei 3.3 Just Larger path (than criteria in terms of weight) and it's weight separated by an "@"
- 3.4 Just smaller path (than criteria in terms of weight) and it's weight separated by an "@"
- 3.5 Kth largest path and it's weight separated by an "@"

79

0 1 10

1 2 10

2 3 10

0 3 40

3 4 2

453

563

4 6 8

2 5 5

0 6 30 4

80120

(riker >30

16-2 4

Smallest Path = 01256@28

Largest Path = 032546@66

Just Larger Path than 30 = 012546@36

Just Smaller Path than 30 = 01256@28

4th largest path = 03456@48

