```
class Graph{
boolean[][] adjMat;
int numNodes;
Graph getTransitiveClosure(){
       boolean [][] adjMatCopy = new boolean[numNodes][numNodes];
       for(int k=0;k<numNodes;k++){
              for(int i=0;i<numNodes;i++) {</pre>
                     for(int j=0;j< numNodes;j++){}
                             if(adjMatCopy[i][k] && adjMatCopy[k][j]) {
                                    adjMatCopy[i][j]=true;
                             }
                     }
              }
       }
       return newGraph(adjMatCopy,numNodes);
}
```