P18-0126 AI LAB TASK

UCS using BFS:

IDFS using **DFS**:

```
def DFS(self,start,goal,maxDepth):
    if start == goal :
        return True

    if maxDepth <= 0 :
        return False

    for i in self.graph[src]:
        if(self.DFS(i,goal,maxDepth-1)):
        return True
    return False

def IDDFS(self,start, goal, maxDepth):
    for i in range(maxDepth):
        if (self.DLS(start, goal, i)):
        return True
    return False</pre>
```