class grouph:

det_ivatid_(self, vortra):

self iV = win Ventra

self node_our = []

self-graph = defaults(list)

det Edges (self, x, y): self. graph [x].append [v)

det DLS (selt, target, depth, ass, sore);
if sore==target:

arr append (shr)

school false assimppend (soc)

for 1 in self graph [sac]:

if (self DLS (1, tanget, depth -1, asor));

rution true

and pop

maken false

Co + Compt(1)

Marky "

```
g addedge (0,1)
gaddedge (0,2)
g addedge (01,8)
gaddedge (1,4)
gaddedge (2,5)
g addroge(2, 6)
target = 8;
 depth = 68;
59c = 0
if g. DFS (sac, target, depth) == (suc;
  paint (" Sorverce can seach target")
  else :
  print (" Source cannot much larged ")
 paint (g. nodi)
```