```
#include < stdia.h>
# include < time. h>.
void DES (Ent)
 int G[10][10], visited [10], h;
 void main
  3
  ent iiii
 clock_t start, end;
 double temen;
 printy ("enter no. of veetice/n"):
 scang (" /d", sn);
 painty ("In entre the adjacency" of the graph"):
   Start = clock ();
  for (1:0; ich; i++)
  for ( i =0 ; jeb ; jet)
 ecanf (" >d", G(:)[]);
  for (1=0; icn; i++)
    Visited [i]= 01
   DFS(0);
  end = clock();
   terre_u= ( double) (and start) / aouer pre-se cond);
   printy (" Time complexity = 175", teme_u).
    Void DFS (inti)
     Pernty ("Mod",i);
```

```
Visited [i]=1;

for (j=0; jen; j++)

if (iverited ==1)

DPS (j);
```

Time complainty s of 5 h = g $T = 0.060119 \, g$, h = g $T = 0.000202 \, g$ h = g $T = 0.000212 \, g$

Construction that the first with the second of