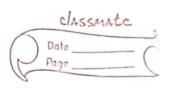
20/02/21	Outs.
	BFS Week-9
	111
<u></u>	# include 2stdio.h)
1	# Irclude ( Stallib:h)
	# molycle 2std bool.h>
	Gallet Callet
	Holdine Size 7 12 100
	void push (int a);
	void display Ugus I transfer in interest
	void bis (int graph[][7]);
-	in the gamping in the single
	int flos=-1, npos=-1;
	int flos=1, spos=-1;
	(0 = = g(s,t,g) h
	Int main () { John Miles
	int adj-matrix [7] [7] = {
	50,1,0,1,0,0,03,
	{0,1,0,1,1,1,0},
	{ 1,1,1,0;0,0,0}
	20,0,1,0,0,0,13;
	( 20,1,1,0,0,0,0)
	{0,1,0,0,1,0,0}
	Br (int i=0; iL 7; i++) quallid=0;
	LECad matrical:
	EFS (ady-matrix); return 0;



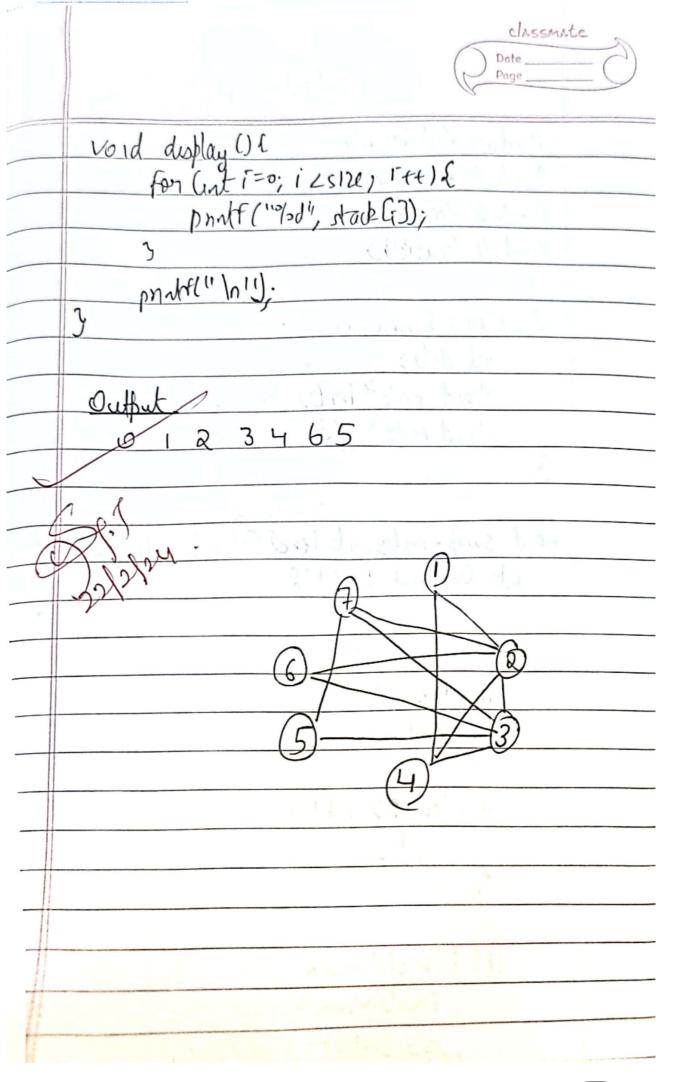
void bfs(int graph[][7]){  Int visited[7];	
int visited [7];	
for (Int i=0; i 27; i++) visited (	)=0;
push(o); visited[o]=1;	
while ( Fpos! = 512e) {	
18t (nt 1 = 0;127; 1+1) {	
if (graph Equeue E-spos ] Ili]	== 1 &&
Visited GJ! =DE	
pwh(2);	
usited[i] = journal	100
3 }	
3 (44: 24: 24: 24) 74	
<b>9</b> ( ) ( ) ( )	
pointf("%d", pop());	
3	\
}	
rold bush (int a) {	
(f(f)os == -1 & d & pos == = = 1) (f(f)os == -1 & d & pos == = = 1) (f(f)os == -1 & d & pos == = = 1)	(
quelle [ttopos]=a;	7
fpostt;	
returi	-3
3	
else iF( xpos = = sne-1) {	
print ("lucie overflow world	יל" מפר
intern;	
return;	
roturn;	
3 return;	



	Page
Int	- pop () {
	If (fbas = = 1) {
	bontfl'dueue underflow condition "J
	3
	nt n = quue [fpos]; queue [fpos] = (int) o;
	arew[fpos]=(int)o.
	Fpos++;
	octurn nj
3	Control of the contro
void	display () E
	prote ("chelle: ");
	for (ut ?= : (LC12e; itt)
	point ( "bd, queue[i]));
	point ("old", queue[i]));
3	
	11
200	and A
.0_	123465
01	32564
	5
	e word that the
	and the first are to
	f <sub>1</sub>

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DB	Page (
#molude <stdv.h></stdv.h>	
# include Zstalia.n>	1, - 22
#Include Lstaboolin>	
all alex	3.1
Holefine Size 7	d.
State Street	d ,
int pos=-1; int stack[size];	
int stack[size];	
Wales	
void bush (int a);	_ F _ F _ F _ F _ F _ F _ F _ F _ F _ F
Int pop ();	jer son
void deplay ();	La tar
void display ();	= 1
0 1	
int main UE	1. 1. 1. 1. 1.
nt ad matrix [7][7]	= &
nt ady-matrix [7][7] \$ 0,1,0,1,0,0,03 \$ 1,0,1,1,0,1,13,	1,
21,0,1,1,0,1,13,	I .
£ 0,1,0,1,1,1,03, £ 1,1,1,0,0,0,0,3,	
20,0,1,0,0,0,13,	,
20,1,1,0,0,0,0,0,	
S.011,0,0,1,0,03,	
1.	
for (inti=oil+ii+t) s	tack[]=NOLLi
dts Cadj-matrix);	
return of	1 11
4	the dist

	Dota
	void ats (int graph () (7)) {
-1	interested [7];
	1 1 1/2 (12); for (120; 127; 174) visited (1)=0,
	$\rho \omega h(q)$ ;
	$\rho \omega h(0)$ ; while $(\rho o s) = -1) \Sigma$
	bool new-node=false;
	[0(1-0.1.17.17.4)]
	1F(graph Cstack[pos]) == 1 dd visited new_node = true;
	new_node = true;
	pwh(i);
	nsited [i]= 1;
	break;
	2
	3 - 11 - 14 - 1
	3
	rod bush Got a) {
	$f(m_s = snl-1)a$
	point ("Overflow").
	retion;
	stack[+1/pos]=a;
,	17-41()s
-	Int pop () {
1	Inite ("Underflow");
	if (pas == -1){  initf ("Underflow");  return (int) NULL;
	<u>}</u>
	return stack [pos];
	3



Surpholes beken north
#Include Estdio.h>
# indude Estano h >
 #Include Zstang.h>
# indude Lstalib h
stand node &
int data;
struct node * left;
struct node * left; struct node * right;
3;
void swip-nodes-at-level (struct node tract, int int level, int height) &
int level, int height de
ah 1- 1. * n-11.
struct node * node;
returi
3
IF (level >heght) &
retain;
3
 G Want Lach S
 IF(!(level/1n)) &  tryale = not-sleft;
 root->left= noot-xight;
root->left= noot->nght;
3

	classmate
	Date
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	- supp -> nodes at level ( sust > lettine, level+1, heght);
	-swap-nodes_at-level (root-> left, ne, level+1, heght); swap-nodes-at-level (root-nght, ne, level4, height);
_	, , , , , , , , , , , , , , , , , , , ,
	Sec. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
	2/2/24
	221
$\parallel$	
$-\parallel$	