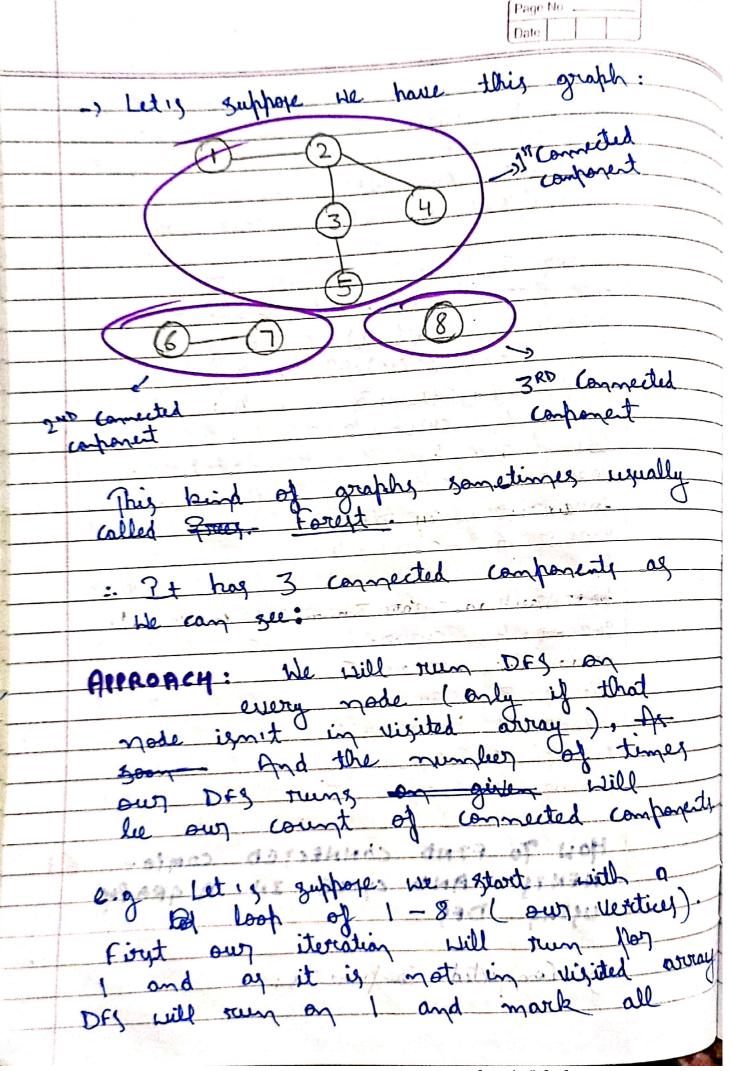
HOW TO FIND CONNECTED COMPO- 61

NENZY AND CYCLE IN A GRAPH

USING DES

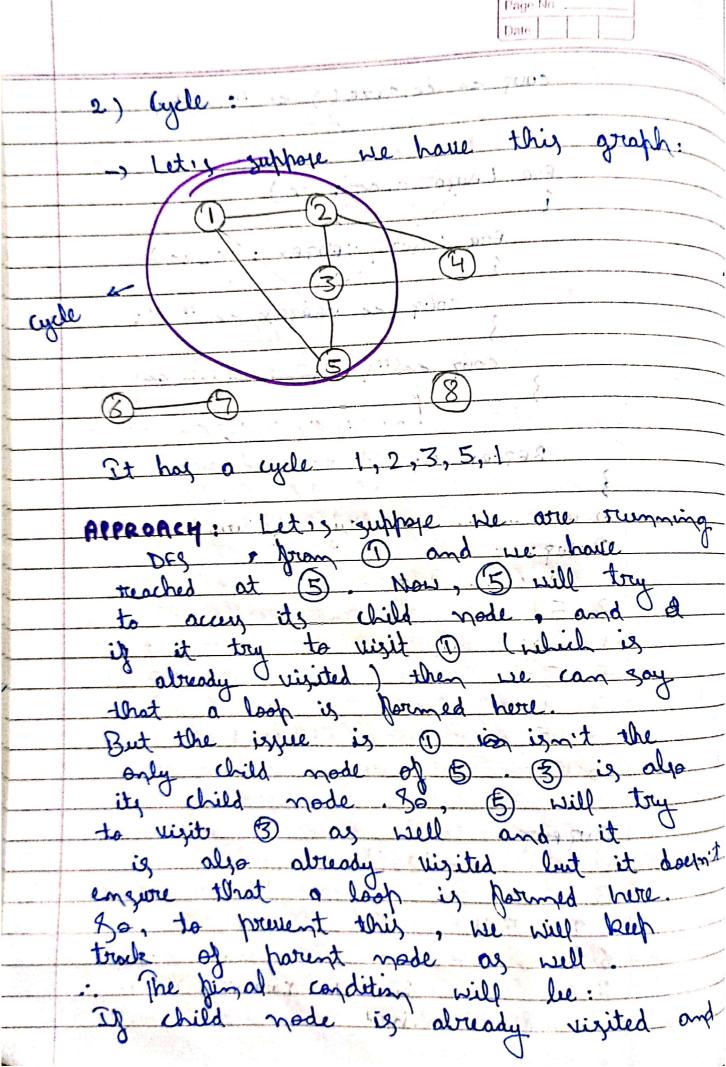
i) Connected Components:



Page No.	
ity connected moder as visited	
	the season
e.g: here V3127ED = 1,2,3,5,4	one of the latest and
Now, same process will be por 6 and	risk returning of
8. I have be for 6 and	COMPAND AND
And : own court of	
antogenty will be 3 here.	-
S WOLL	
	-
(**i ; 0'S i *: 0: i 742) 003	
-> Maximum capainty of vertices	
CONS 3N3 N = 105 +101;	
-) Adjacency list: (1)	
VECTOR < TWP > GINT; WAY, INJS	-
-> Vigited array: (1) 29. [(17)	
BOOL UZGINJ;	-
- Vector to store connected components	
VECTOR < YECZOR < 3N7>> CC: . C = 10	
- la fuit in cci : lai sur la son	
VECZOR < 3N3 > CURRENZ CC;	
1911111 17403 (LI) 1811 182 18	
ROSD DES (3M3 NEUSEX)	
CHARGE COMPANY	
vzg [VERZEX] = tyve;	
CURRENZ -CC. PB (VERZEX);	-
FOR (3N7 CHILD : G [VERTEX])	*
JE (UZS [CHILD]) CONTINUE; HITHING	the many to
DES (CH3LD);	J.

1	Date Date
	3 Satistic of whom states of
	N. Z. E. S. J. : ASSELSEV
	348 MARN () refrances
ļ,	of the second se
	INP Me;
	(C3N >> xq >> 0;
	-> creating Adjoining list representation
	-> creating flagarestery of graph FOR (3N? i=0; i <e; i++)<="" th=""></e;>
	500 13N2 i=0; i <e; i++)<="" th=""></e;>
	349 V1, V2;
	(31) >> V1 >> V2;
	C[V1] (B(V2);
	GEV27. 8B (V1);
	-> ?a store count of connected components
	Verson Company weath et c-
-	327 C2=0; 2005 34
	FOR (3N) i=1; i < m; i++)
-	25 (UZS [i]) confinue;
-	- CLEAR ();
	CURRENZ-CC. CLEAR ();
+	DES (i); 104 + 1
1	-> storing each connected components
	ec. 18 (current cc);
	C7++;
1	3 military Marine Tomas Comment
	A CONTRACTOR OF THE STATE OF TH
	- Printing no. of connected components

Page No. Date
coup << cc. 33 ZE () << "1 mis
FOR LAUZO C-CC: CC)
FOR (AUZO C-CC: CC)
FOR (AUZO VERZEX: C-CC)
COUP << VERZEX << "";
cour << " \ n";
REZÚRNO; C.: 1 Mus a sad +?
Comment was the specific weeks of the second
- 20808: 4 mg (2) mg 3 234
6 8 5 support files into more at
203 well festivis whombs
2 4 mil be mish it work a talk
25 m Q zi sani solt tus
Ouzeuza lied as a time of
Les le tot bilizies plante mallo le
1 2 2 3 5 H ,
6 The in board build for many
8: W the sall so if which it



Page No Date
it is not the parent of current node then it enjuries a cycle.
the it executed of wortent node
on answas a cycle.
cycle as (-) No cycle as 3.
is parent of (5)
1 init hovent of 5
Nore: Here homest == last with
Lass little node
(PREVIOUS)
the state of the s
=) W CODE
-> Maximum capacity of writing
-) Adias N= 105+10;
-) Adjourney list i con for and
rector etuis dini;
800L V38 [NJ ;
Book Double State
BOOL DES (3N) VERSEX, 3NS PAR)
was Turner 7
V25[VERZEX] = tyve;
BOOL 33/00PEx2979 = Falge;
FOR (347 CHRID : G[VERTEX])
36 (N32 [CH3TD] 44 CH3TD == bus)
CONFINUE; 11 sleipping vijited mode
which is parent of arrest
LAULA .

Page No. Date
REZURN true;
the same of
it means cycle
DES (CHELD, VERZEX);
Carlo Charles
way have
13500
et tupresentation
i++)
Day stanger
Anna Maria Maria
, 7 18th Many

FOR (3W? i=0; i <e; i++)

{

3W? VI, V2;

(3W >> VI >> V2;

G[V1]. 8B (V2);

G[V2]. 8B (V1);

}

3F (UZZICHZID])

35LOOP Ex2123

RETURN ISLONE EXESTS

MAZN (

BOOL 34 LODPENSARY = Folge; 1.

3F (VES [i]) CONSIDUE; || PO TUN DES (SON) unsujited models. 3F (DES (i, 0))

	Page No.
	Date
9	371008 Ex3121 = true;
	BREAK;
	4
	cons << 31 [oble x 31] << " ";
	REZURNO;
	}
61 21	1 2 3 4 5 6 7 8 . Sught:
1,1,41	14 5 5 5 5 5 5 5 1 1 0 1 1 1 1 1 1 1 1 1 1
0,0	C8 16 0 1 0 0 6 8 8 8 8 0 10 10 the
	1 2
	2 3 (4) 47530 803 4309999
	2 4
1.30.77	-13-5 fach of the line for twing
	67 . O ri waret at minutage
	til 5 studen Alice in talk golds
	- I toured I Added = I haids I stoped to
	= Overly = = [] typh
1	1= 1= [1] Itdoh = [.] work
	of the committee hated on it to and