	G.H. RAISON	I (OLLEGI	e OF	ENGG,	Naga	JR.
		6 - 2021	OMD TE	RM		
	DEPARTMENT. SEN ISEC: SUBJECT: ROLLNO: A NAME: SH REG NO: 20	3/A Design & - 58 IVAM TA	DATE: Aralys WARI	is of	08 200	0
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0.2.					,	
<u>a</u> .					,	
	Given:	,		•		
-	Job Index	1 2	3	4	, 5	
	Tale	71 7	2 73	74	75	

Job Index 1 2 3 4 5 Joh J1 J2 J3 J4 J5	
(1())	
Deadline 2 1 3 2 1	
Profit 60 100 20 40 20	

Now we sort the Jobs: according

Mound

1	Job Index	1	2	3	4	5		
	Job	72						
	Deadline	1	2	2	3	1		
	Profit				20			
	<u> </u>		,					
	Marimum	deac	line	· VO	lue.			
	dmare =							
					í			
	O J ₂ 1	J1 2.	J3 3	3.	J2	_ 5	1 73	
	100	60	20		, 0	1	2	3
	0							
	Required:	(c dol	J	2 -	> 11	>	J3	
	Max Pro	hit =	J	2 + J	1 + 3	[3_		
					+20			
			18	0				
	T+ 1110 1	000	1 6	- T	•	SI 1-		
	If we I	1	This	<u>ل ون</u>	$\frac{2}{2}$	t r	100 0	
	to comp	ieto i	ab	J2	ນາເພ	time	nov	e + 1
	if we w	ant	to	ear	, ; <u>)</u>	אס ל	e sic	
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						A	المان المان	

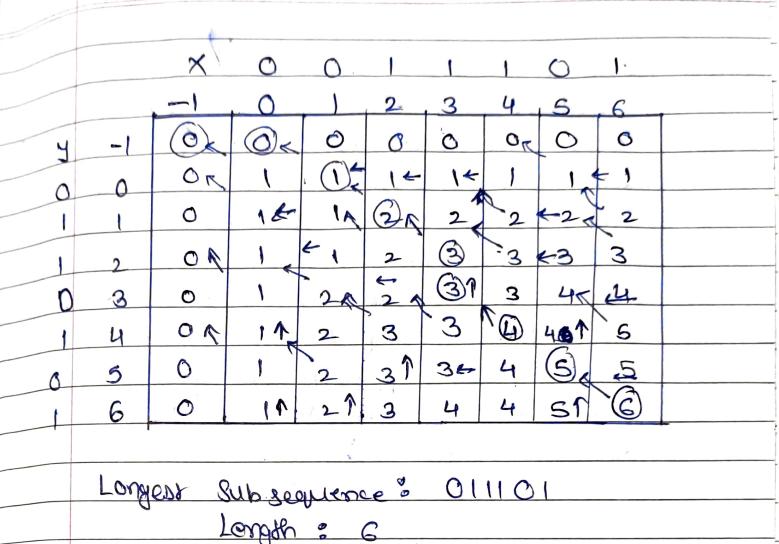
Similarly, is we look at job II
it has a deadline 2. This means
we have to complete job II on
or before time slot 2 in order
to earn its profit.

Similarly, if we look at job J3 it has a deadline 3. This means we have to complete Job J3

on or before time slot 3 in order to earn its profit.

Q. J.

 $x = \langle 0, 0, 1; 1, 1, 0, 1 \rangle$ $y = \langle 0, 1, 1, 0, 1, 0, 1 \rangle$



LCS Algorishm:

Step 1: Start

Step 2: Input String X and y.

Step 3: Construct a most six L with

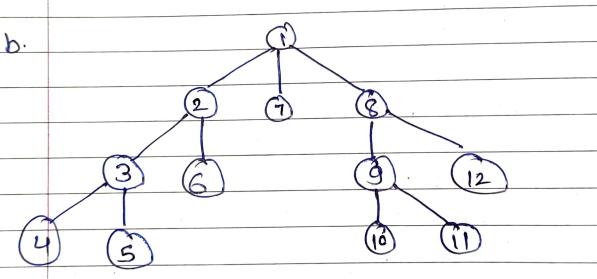
(m+1, n+1) dimensions and i=0.

Step 4: Check if iz= on, if true then

set j= 0 else goto Step 8.

Step 8: Print maximum possible

Step 9: Stop



wixinad Britisano Thomagos Passes 0 Captaexantlaero Sta CR Pop 1 and cold a defacent mode, add 1 in 9 result Pop 2 and add 4 actionent node Pap 3 and add 4 adjacent rode 8 171 61 S1 1 1 1 1 7 Pop 5 and add adjacent node, else ignore Down A 28/08/2020

	Pop 6 and add it adjacent nodes [8 7 1 1 1 1 1 1 1 1 1
V	POR 7
	Pop 8.
	Pop 9 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Pop 10
	POP 1
	(Law)

Pap 12
Pap 12
Path for DFS is 1,2,3,4,5,6,7,
8, 9, 10, 12.
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28/08/2020
28/08/2020