

### Green University of Bangladesh

#### Department of Computer Science and Engineering

#### Mid Assignment

Course Title: Algorithms

Course code: CSE-205

Date of Submission: 23.03.2021

Submitted to: Submitted by:

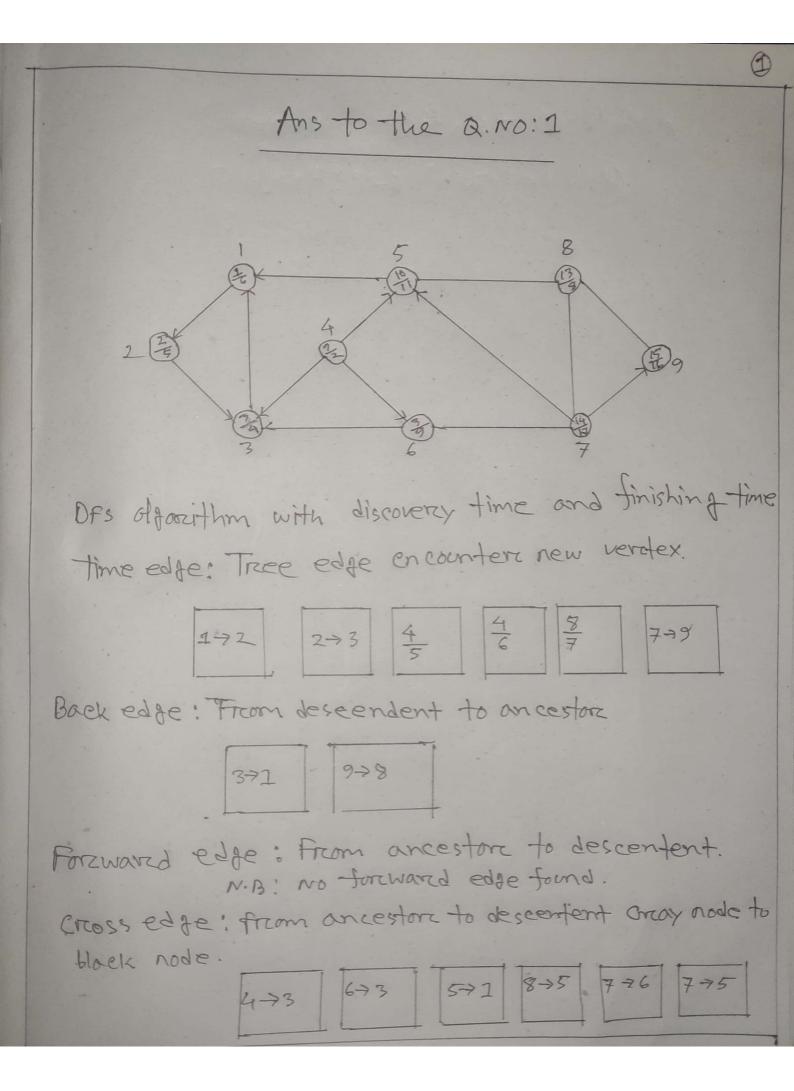
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Department : CSE Section : 193-DC

Green university of Bangladesh Department : CSE

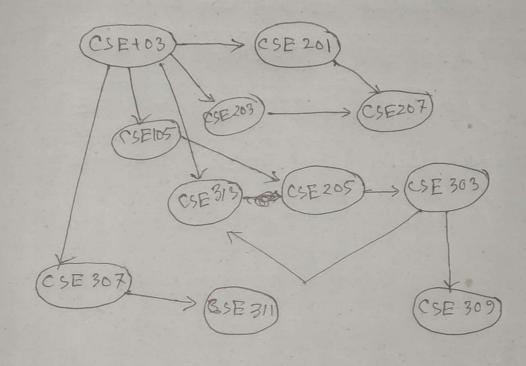
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# Ans to the Q.NO; 2

Herce, is the dependency Growth



we use topological Sout to solve this Problem.

## Let every toble element ato a to re.

1	Courese code	Prorrequisite	Course code	Priercequisite
	CSE 201 20	CSE 103 = 5	CSE 309 = K	CSE 205 = 0
The state of the s	CSE 203 =6.	CSE 103 = 9	CSE 311 = I	CSE 307 = P
The same	CSE 203=C	CSE 105 - h	CSE 313 = M	CSE 103 = 9.
	CSE 207= d	CSE 203=i	CSE #313 = n	C5E 303= R
	CSE 303: e	CSE 205 = j		

row Linere orders on the total blew that,

f, q, q, h, a, I, b, c, j, o, d, rz, e, p, k, I, m, n

CSE 103 -> CSE 103 -> CSE 103 -> CSE 105 -> CSE 201 ->

-> CSE 203 -> CSE 203 -> CSE 203 -> CSE 205 -> CSE 205 -> CSE 207 ->

CSE 303 -> CSE 303 -> CSE 307 -> CSE 309 -> CSE 311 -> CSE 313

-> CSE 313

Topolofical Soret & Alfonithm I we to Solve the Problem.

The topological oredering can also be used to quickly

The topological oredering through a weighted directed

compate shortest paths through a weighted directed

oeyclic maph.