

Assignment Spring 2020

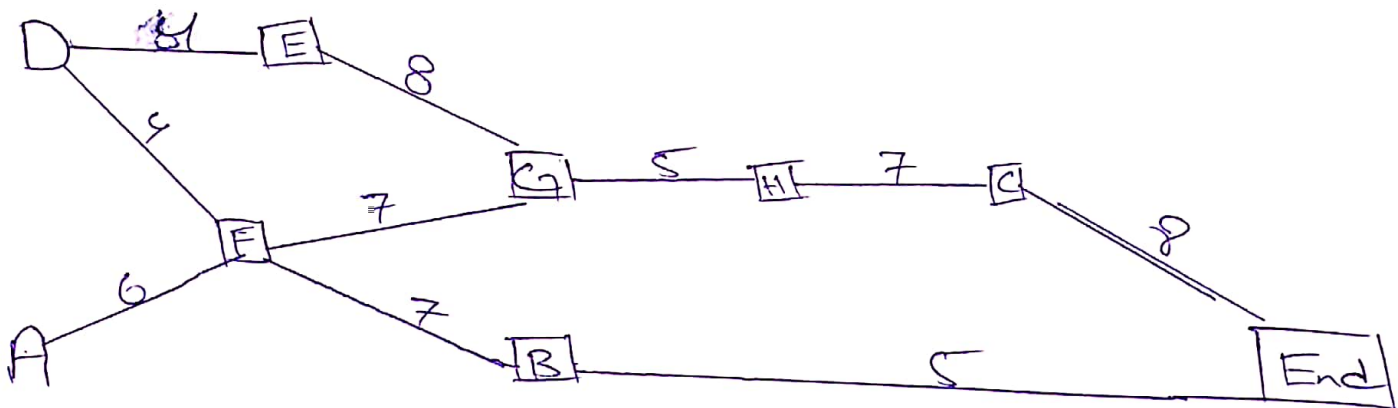
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Q#1 Use data in table

We have two starting point D and A

Structure



Different paths:

1 Path 1

$$D-E-G-H-C-End = 4 + 8 + 5 + 7 + 8 = 32 \text{ (Months)}$$

Path 2

$$D-F-G-H-C-End = 4 + 7 + 5 + 7 + 8 = 31 \text{ (M)}$$

Path 3

$$D-F-B-End = 4 + 7 + 5 = 16 \text{ (M)}$$

Path 4

$$A-F-G-H-C-End = 6 + 7 + 5 + 7 + 8 = 33 \text{ (M)}$$

Path 5

$$A-F-B-End = 6 + 7 + 5 = 18 \text{ (M)}$$

* We found total five paths of the structure.

The shortest path is Path 3 with 16 months.