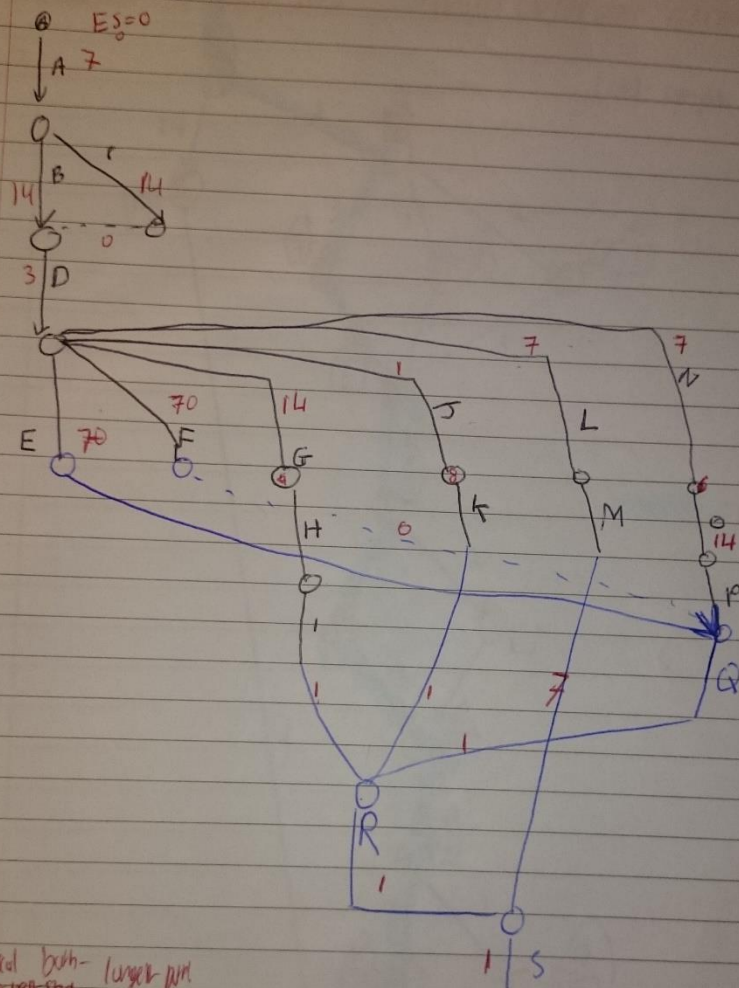


4/2/17

Man Science



critical both-
earliest start
 $ES_0 = 0$

$$ES_1 = \max [ES_0 + \text{duration from zero to ore}] = 0 + 7 = 7$$

$$ES_2 = \max [ES_1 + \text{duration ore to two}] = 7 + 14 = 21$$

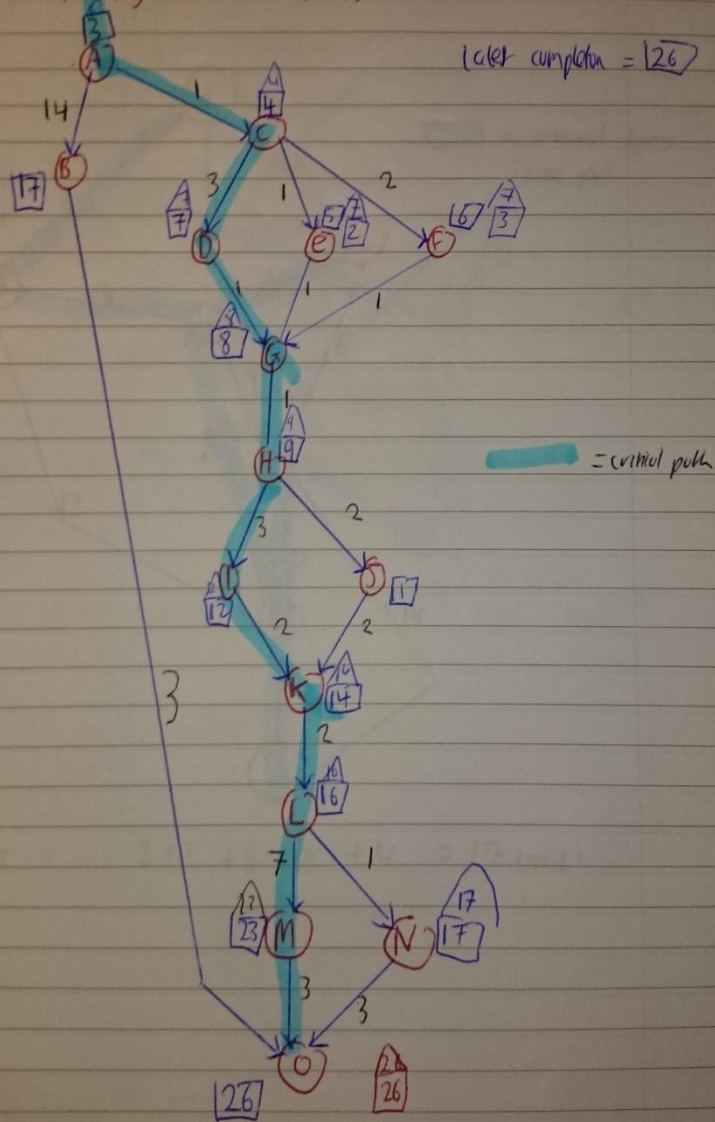
$$ES_3 = \max [ES_2 + \text{duration two to three}] = 21 + 0 + 7 + 14 = 42$$

+ ES_1 21 or 21

Week 5
Tutorial 4 Mary. S. 2020

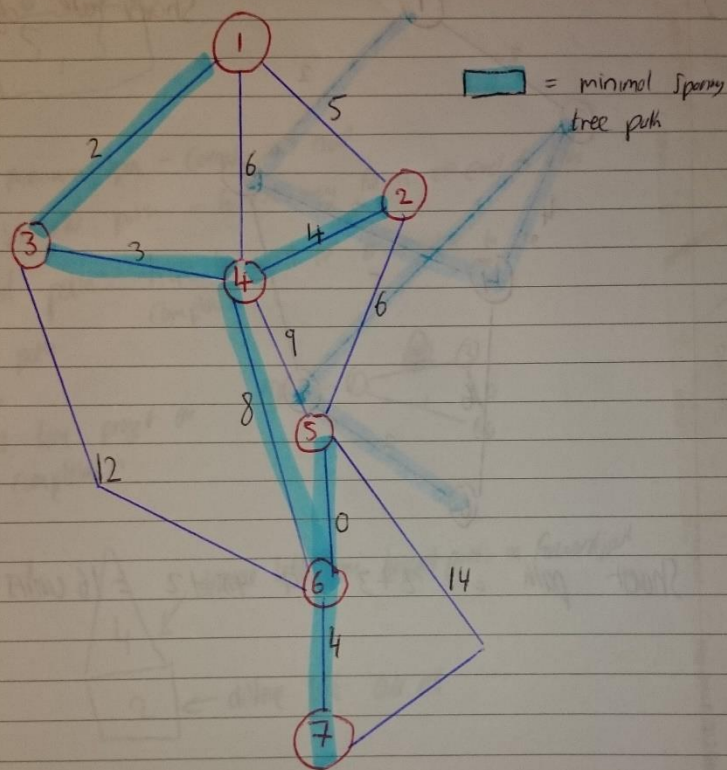
DAVID WEITBRECHT 12300600

1st completion = 126



12/2/13 week 3. Management Science Tutorial 4 12300644 DAVID WEITBRECHER

1

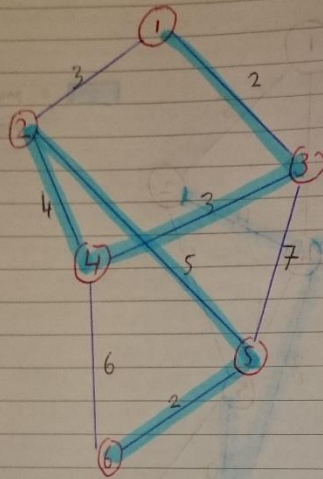


$$\text{Distance} = 2 + 3 + 8 + 0 + 4 = 17 \text{ units}$$

123006441

2

Shortest route algorithm



$$\text{Shortest path} = 2 + 3 + 4 + 5 + 2 = 16 \text{ units}$$