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Section 1

HW 5

Question 1:

Depth first traversal

A – D – B – E – F – G – C – H – I

Breadth first traversal

A – D – I – B – E – F – G – H – C

Question 2:

From	A	B	C	D	E
F	17	∞	∞	∞	6
E	16	11	∞	∞	6
B	16	11	∞	15	6
D	16	11	27	15	6
A	16	11	25	15	6
C	16	11	25	15	6

Shortest Paths (F to all)

F – E – A	16
F – E – B	11
F – E – A – C	25
F – E – B – D	15
F – E	6