

# CS 202 HW 4

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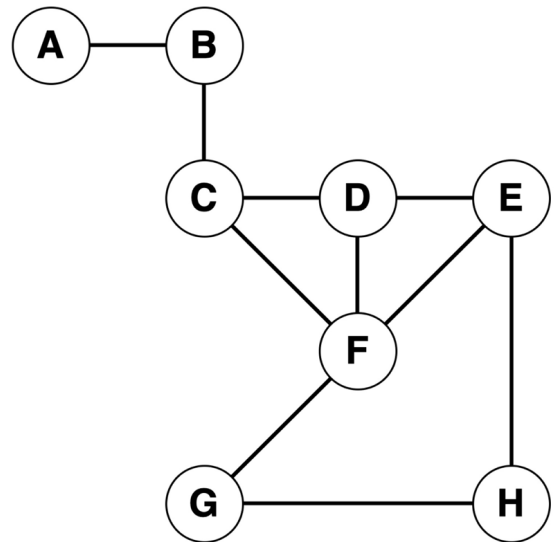
## Question 1:

Depth first traversal:

C-B-A-D-E-F-G-H

Breadth first traversal:

C-B-D-F-A-E-G-H



## Question 2:

Visited

Distances: A B C D E F

A	0	15	4	$\infty$	$\infty$	$\infty$
A, C	0	12	4	7	$\infty$	$\infty$
A, C, D	0	12	4	7	9	$\infty$
A, C, D, E	0	10	4	7	9	19
A, C, D, E, B	0	10	4	7	9	17
A, C, D, E, B, F	0	10	4	7	9	17

