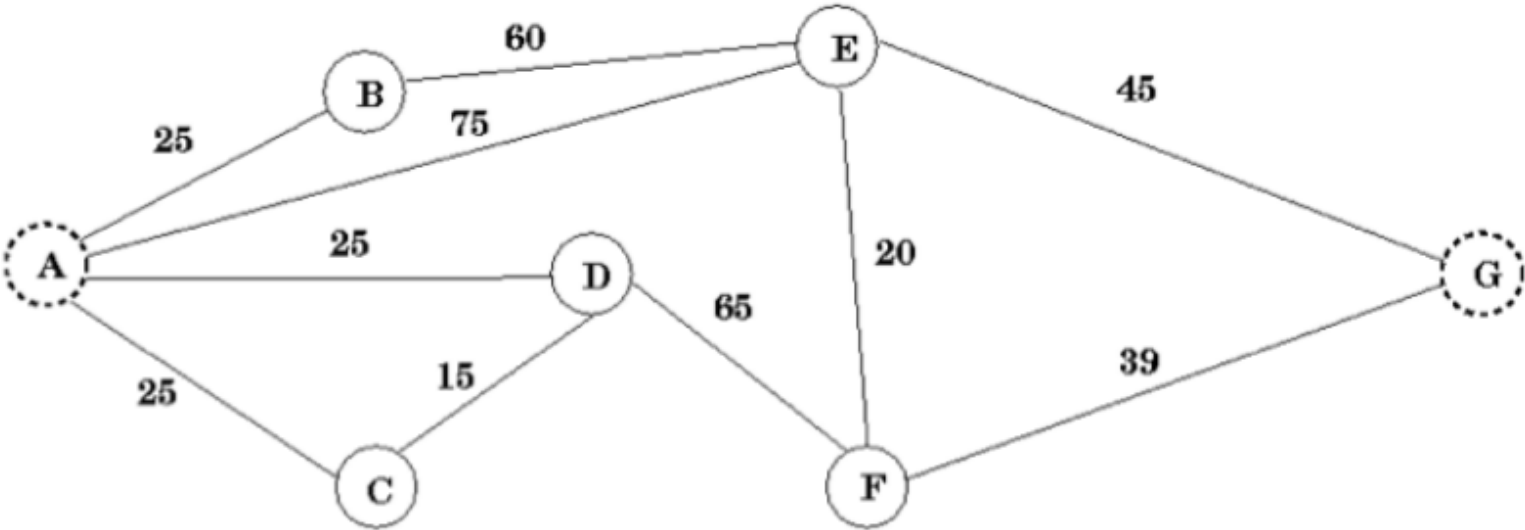


Activity 3 / Breadth first search and Depth first Search

Breadth First Search



A						
---	--	--	--	--	--	--

A

A	B	C				
---	---	---	--	--	--	--

A,B,C

A	B	C	E			
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A,B,C,E

A	B	C	E	D		
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A,B,C,E,D

A	B	C	E	D	F	G
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A,B,C,E,D,F,G

A	B	C	E	D	F	G
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A,B,C,E,D,F,G

A	B	C	E	D	F	G
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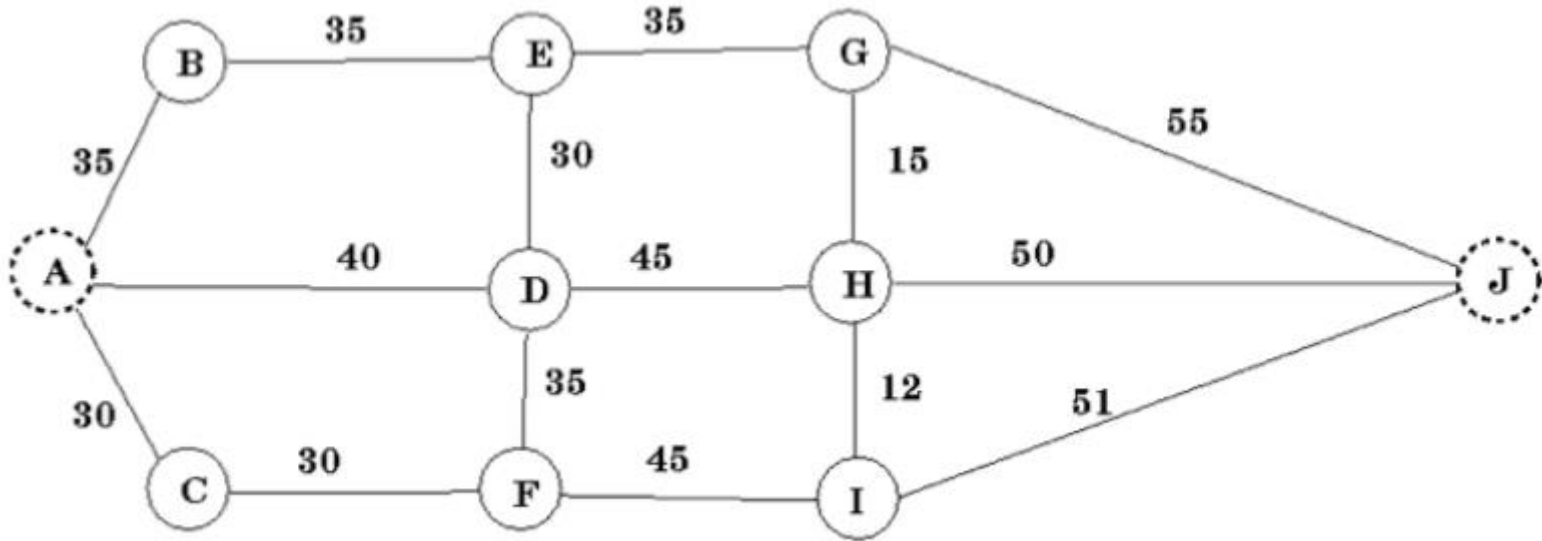
A,B,C,E,D,F,G

A	B	C	E	D	F	G
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A,B,C,E,D,F,G

Depth First Search

A, B, E, G, F, D, C



Breadth First search

A									
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A

A	B	C	D						
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A	B	C	D	E					
---	---	---	---	---	--	--	--	--	--

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

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

A	B	C	D	E	F	H	G	I	J
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A	B	C	D	E	F	H	G	I	J
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A, B, C, D, E, F, H, G, I, J

Depth First Search

A, B, E, D, F, C, I, H, G, J