

Matematika 3

Tree



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Class

2i

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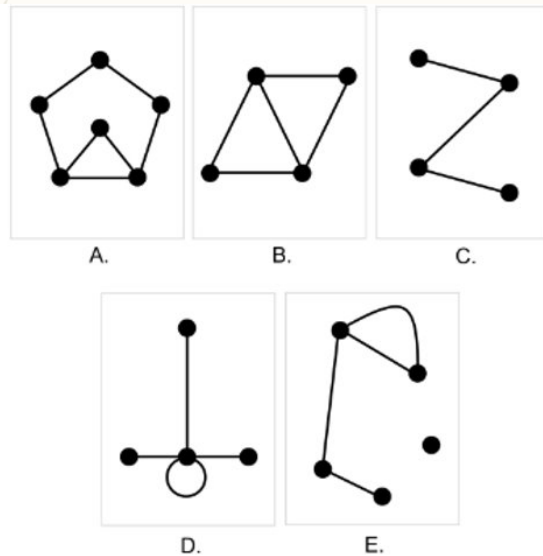
Study Program

D4 Informatics Engineering

Task

Task 1

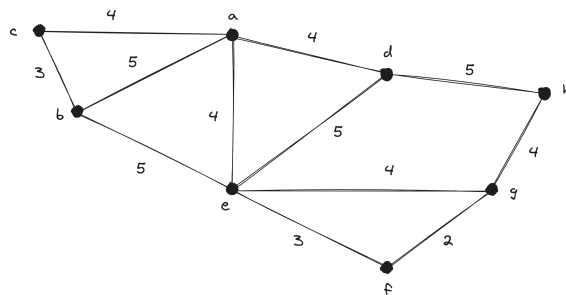
Which of the following image is a tree graph?



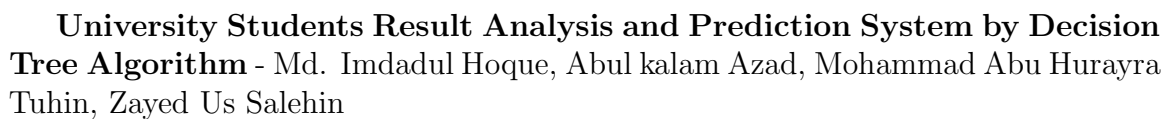
The C and D image are the tree graph because it has no cycle and connected.

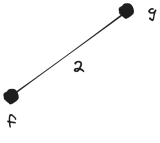
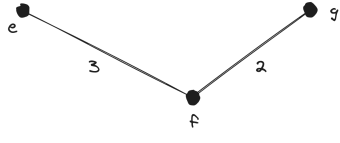
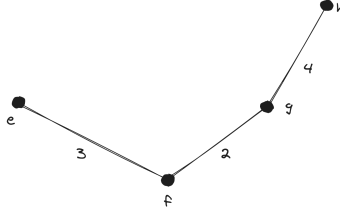
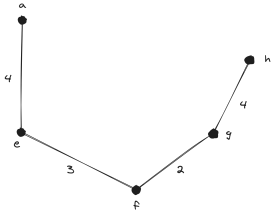
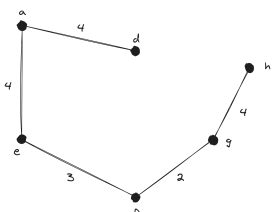
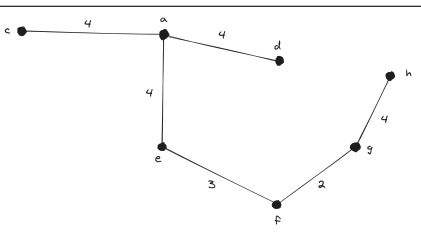
Task 2

Find the minimum spanning tree from the following image with the prim algorithm, continue the table below.



Look for 1 example of a journal application of a Tree / Decision tree and draw a picture of the tree arrangement



Step	Edge	Weight	MST
1	(f, g)	2	
2	(f, e)	3	
3	(g, h)	4	
4	(a, e)	4	
5	(a, d)	4	
6	(a, c)	4	
7	(b, c)	3	