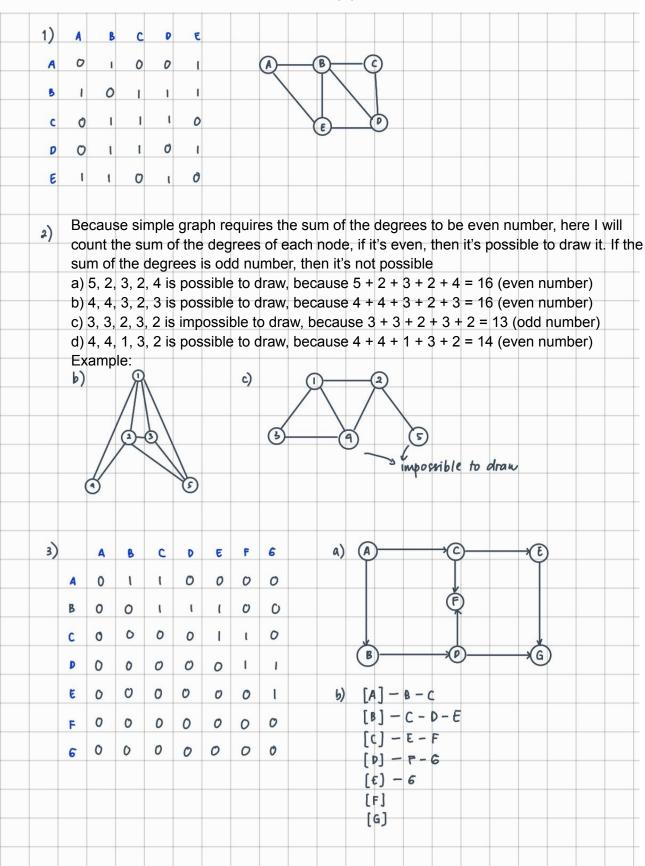
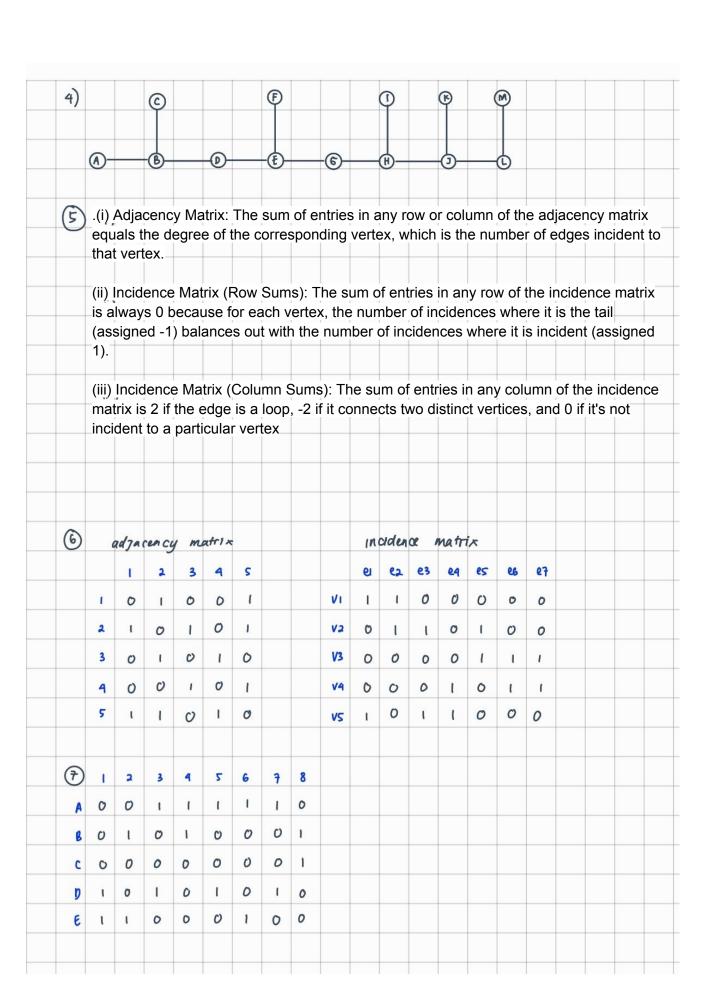
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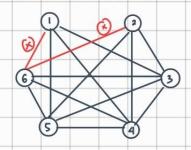
Gabriella Erlinda Wijaya - 5027221018



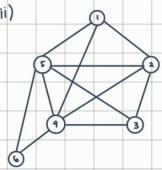


8. i) The degree sequence (3, 3, 5, 5, 5, 5), if i sum it up, it will display an even number (26). However there's a problem because it suggests that two vertices must have a degree of 3, while the other vertices should have a degree of 5. In a simple graph, it's not possible for the first and second vertices to have a degree of 3 because the other vertices needs 5 and need to connect with them.

3+3+5+5+5+5 = 26



ii)



2 + 3 + 3 + 4 + 5 + 5 = 22 (possible to draw, because the sum of the degrees shows an even number)