ASS-ignment 03

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Average key comparison in tree with n node:

(n+1)/2

Average-case time complexity for binary search:

B,C and D

Preorder of binary tree:

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

Max nodes at depth k:

3^k

Graphical user interface, text, application, email

Description automatically generated

Which statement is not correct:

A graph is a special case of a tree structure.

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Description automatically generatedGraphical user interface, text, application, email

Description automatically generatedGraphical user interface, text, application, email

Description automatically generated

Chart, diagram

Description automatically generated with medium confidenceGraphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

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Graphical user interface, text, application, email

Description automatically generatedChart

Description automatically generatedGraphical user interface

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