Assignment - 1

(1) Given an infix expression without brackets. Assume all the operators are binary. Write a program to evaluate

(2) Write a program to obtain the maximum/minimum height of an AVL tree which can be generated from n nodes.

(3) Write a program to multiply two <i>n</i> -digit positive numbers ($100 \le n \le 500$). You first take the min each number as input and then start.	umber of digits
(4) Given a square matrix $n \times n$ where $n \geq 3$. Write a program to print the following patterns. should take an argument (say arg) along with square matrix, and print accordingly.	This program
• Input matrix for $n=15$ is as follows.	
• Output matrix when $arg = 0$ is as follows.	
• Output matrix when $arg = 1$ is as follows.	
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• Output matrix when arg = 2 is as follows.

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this given infix expression without converting it into a postfix expression.

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