



United International University (UIU)
Dept. of Computer Science & Engineering (CSE)
FINAL Year: 2020 Trimester: Summer 2020 Program: BSCSE
Course: CSI 412 Compiler Lab
Marks: 30 , Time: 1 Hour 20 Min

1. Write a program in any language that will evaluate an inputted prefix expression. For example. [15]

Sample Input	Sample Output
+/-532/9*52	Result: 4.6
+2/4*5^535	Result: 27.6

2. Make a calculator to evaluate expressions consist of only two operands in each and an operator in between. Operator can be +,-,*,/ only. This expression can be found in a file named **expression.txt**. A random number has already been given in another file **random.txt** . Now, find the absolute difference between your calculated result and random number given in **random.txt** file and make the cube(^3) of the absolute difference. [15]

expression.txt	random.txt	Your Result	Console
5-2	5	3	8
9/3	3	3	0
2*3	5	6	1