Assignment-2

Ch. Sriram Varma

2019CS50426

Nalin Wadhwa

2019CS10375

DESIGN CHOICES:

INPUT: Give the input string in console

OUPUT: It will directly print the result

Analysis:

First we will take user input string and will be stored. we will iterate through this stored string and perform operations accordingly.

1)if we see any number between 0-9 we will push into stack

2)if we see “+”,”-”,”\*”

3)if we see any other character we will throw an error

If we see +,-,\*

1)pop top 2 elements and perform operation and push back to stack again.

And at last after performing all operations we will print the top element of the stack.

Testing strategy:

Did exhaustive testing on every possible case we thought on ,which are mentioned test cases.