Mohit Sharma (2019CS10372) Vivek Choudhary (2019CS10413)

Approach:

1) Input length of string & string itself.

2) After this teravorsed the string character by sharacter tog. If the character is not '+', '-', 'x' or a digit, then error is thrown.

3) An array is made for the stack operations.

(i) If a digit is encountered while teroversing the string, then it is pushed in the array and the counter

to array is incremented.

two characters from end of array are taken and counter is decreased. If two characters are not bresent than error is thrown otherwise the corresponding operation is done in correct order. Overflow is detected and error is thrown is such scase, otherwise the result is pushed in stack and counter to array is incremented. The counter to array is incremented. The counter to array is incremented.

4) It the end, if one element is present in array than it is printed as result otherwise error is thrown.

Vivek Choudhary, Mohit Sharma Test cases emp = 12-1 => n=5, onp=123+* => 5 n=101, enp= 1111---11+++---+ (5) n=11, emp=123456+++++ 6 n=11, emp=123456789++ => en808L +++++++ => e8808 (1) n=7, pmp= (8) n = 1, oup = 1 => 1 n=21, enp= 9999999999 **** *** ** + => 11 times g times =) invalid empression 1 n=7, onp = 779++92 => invalid enpression