# O1. Elevator final position

#### Problem statement 02.

There is an elevator which starts at floor 0 and goes up to floor 20. You are given a function, int FindElevatorPosition(int curPos, char d, int numbloors);

The function accepts the current floor of the elevator 'curPos', the direction of its movement 'd' and the number of floors it will move 'numFloors', as input. Implement the function to return the final position of the elevator. The variable 'd' will contain the upper case character 'D' or 'U' denoting the movement of the elevator in downward or upward direction respectively. Note that if Example:

Input:

Output:

Explanation: The output is 6, since the elevator can go up by 4 floors and is currently positioned at floor 2.

The custom input format for the above case:

(The first line represents 'curPos', the second line represents 'd', the third line represents 'numFloors'.)

#### Sample Input

### Sample Output

The custom input format for the above case:

(The first line represents 'curPos', the second line represents 'd', the third line represents 'numFloors'.)

## Instructions:

- This is a template based question, DO NOT write the "main" function.
- Your code is judged by an automated system, do not write any additional welcome/greeting messages. "Save and Test" only checks for basic test cases, more rigorous cases will be used to judge your code while scoring.



