



# Python Programming Project

Jump in rank of a student after updating marks.

Submitted to:

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Submitted by:

S.No.	Registration number	Name of Student	Roll No.
1.	12212367	Manya Jain	66
2.	12212887	Rohan Saini	67
3.	12213406	Sheraz Uddin Mirza	68

## AIM:

Your task is to find the name of the student with maximum marks after updating in marks and the jump in the student's rank i.e., previous rank – current rank. You are given three lists' names, marks and update's where:

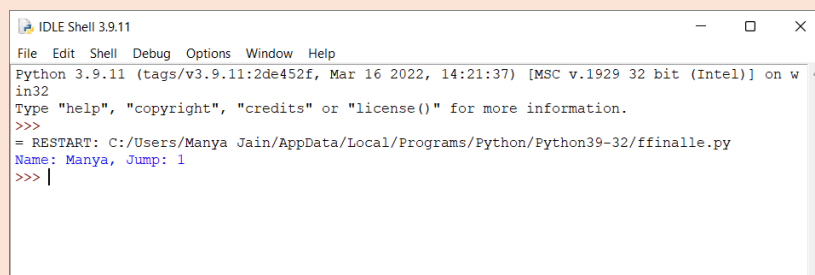
- Names contain the names of students.
- Marks contain the marks of the same students.
- Updates contains the integers by which the marks of these students are to be updated. s

(Number of levels a student is ranking up or down must be displayed)

## CODE:

```
Def nameRank (names, marks, updates, n):  
    x = [[0 for j in range (3)] for i in range (n)]  
    for I in range (n):  
        x [i] [0] = names[i]  
        x [i] [1] = marks[i] + updates[i]  
    highest = x[0]  
    for j in range (1, n):  
        if (x [j] [1] >= highest [1]):  
            abc(highest [2] - 1), sep= "")  
names = ["Sheraz", "Manya", "Rohan" ]  
marks = [90,89,85]  
updates = [-3,4,2]  
n = len(marks)  
nameRank (names, marks, updates, n)
```

## RESULT:



```
IDLE Shell 3.9.11  
File Edit Shell Debug Options Window Help  
Python 3.9.11 (tags/v3.9.11:2de452f, Mar 16 2022, 14:21:37) [MSC v.1929 32 bit (Intel)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.  
>>>  
= RESTART: C:/Users/Manya Jain/AppData/Local/Programs/Python/Python39-32/ffinalle.py  
Name: Manya, Jump: 1  
>>> |
```