

studentmarks.py X # stylephotoalbum.css

C:\Users> digital > Desktop > studentmarks.py > nameRank

```

1  # Python3 implementation of the approach
2
3  # Function to print the name of student who
4  # stood first after updation in rank
5  def nameRank(names, marks, updates, n):
6
7      # Array of students
8      x = [[0 for j in range(3)] for i in range(n)]
9      for i in range(n):
10
11         # Store the name of the student
12         x[i][0] = names[i]
13
14         # Update the marks of the student
15         x[i][1] = marks[i] + updates[i]
16
17         # Store the current rank of the student
18         x[i][2] = i + 1
19
20     highest = x[0]
21     for j in range(1, n):
22         if (x[j][1] >= highest[1]):
23             highest = x[j]
24
25     # Print the name and jump in rank
26     print("Name: ", highest[0], ", Jump: ",
27           abs(highest[2] - 1), sep="")
28
29 # Driver code
30
31 # Names of the students
32 names = ["Student1", "Student2", "Student3"]
33
34 # Marks of the students
35 marks = [80, 79, 75]
36
37 # Updates that are to be done
38 updates = [0, 5, -9]
39
40 # Number of students

```

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41 n = len(marks)
42
43 nameRank(names, marks, updates, n)
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C:\Users\digital\Desktop> studentmarks.py & nameRank

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Windows PowerShell  
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Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>  
  
PS C:\Users\digital> & C:/Users/digital/AppData/Local/Programs/Python/Python311/python.exe c:/Users/digital/Desktop/studentmarks.py  
Name: Student2, Jump: 1  
PS C:\Users\digital>

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studentmarks.py - Visual Studio Code

studentmarks.py ×# stylephotoalbum.css

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# Driver code

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PROBLEMS

OUTPUT

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Python + -

Python

Windows PowerShell

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PS C:\Users\digital> & C:/Users/digital/AppData/Local/Programs/Python/Python311/python.exe c:/Users/digital/Desktop/studentmarks.py

Name: Student2, Jump: 1

PS C:\Users\digital> & C:/Users/digital/AppData/Local/Programs/Python/Python311/python.exe c:/Users/digital/Desktop/studentmarks.py

Name: Student3, Jump: 2

PS C:\Users\digital>

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Python

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