```
以 ₩ @ 4G : iil  ■ 94%
 11:39 №
                                   ⊕ Exit
🔁 Challenge 3.2 :
1 v def
    linearsearchProduct(ProductList,ta
    rgetProduct):
    indices =[]
2
3 √ for index, product in
    enumerate(ProductList):
4 ,
       if product==targetProduct:
5
          indices.append(index)
     return indices
6
7
8
    #example usage
    Products=
9
    ["shoes", "boot", "loafer", "shoes", "
    sandal", "shoes"]
    target = "shoes"
10
    target2 = "apple"
11
    result =
12
    linearsearchProduct(Products,
    target)
    print(result)
13
                        Ln 13, Col 14 History 'S
                  main.py
                                      Run
```

## Challenge 3.2

**€** Exit

python3 main.py
[0, 3, 5]



**€** Exit

```
1 v class student:
2
3 v def
    __init__(self,name,roll_number,cg
    pa):
4
       self.name= name
5
       self.roll_number= roll_number
6
       self.cgpa= cgpa
7
8 v def sort_students(student_list):
      sorted_students =
    sorted(student_list, key =
    lambda student:
    student.cgpa,reverse = True)
      return sorted students
10
11
12 v students =[
         student("durga", "A123",
13
    7.8),
14
         student("kalai", "A124",
    8.9),
         student("radhika", "A125",
15
    9.1),
     student("abi", "A126",
16
    9.9),
                         Ln 1, Col 1 History 5
                main.py
                                     Run
```

```
☆ № ⋒ 4G : || ■ 94%
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? Challenge 3.1
                                  € Exit
    ŏ.Y),
         student("radhika", "A125",
15
    9.1),
         student("abi", "A126",
16
    9.9),
17
    ]
18
    sorted students =
    sort students(students)
19
20
    #Print the sorted list ofstudent
21
22
23 v for student in sorted_students:
24
    print("Name: {}, Roll Number:
    {}, CGPA: {}".format
    (student.name,
25
    student.roll_number,
26
    student.cgpa))
                          Ln 1, Col 1 History 5
                  main.py
                                      Run
```



**€** Exit

python3 main.py

Name: abi, Roll Number: A126, CGPA: 9

. 9

Name: radhika, Roll Number: A125, CGP

A: 9.1

Name: kalai, Roll Number: A124, CGPA:

8.9

Name: durga, Roll Number: A123, CGPA:

7.8

×