



ElementaryAustereDemo



```
python3 main.py  
[0, 3, 5]  

```



>_ Console




Run





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 python3 main.py

Name: abi, Roll Number: A126, CGPA: 9.5

Name: radhika, Roll Number: A125, CGPA: 9.1

Name: kalai, Roll Number: A124, CGPA: 8.9

Name: durga, Roll Number: A123, CGPA: 7.8

>_ Console

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```
1 class student:
2
3     def
        __init__(self, name, roll_number, cgpa)
        :
4         self.name= name
5         self.roll_number= roll_number
6         self.cgpa= cgpa
7
8     def sort_students(student_list):
9         sorted_students =
            sorted(student_list, key = lambda
                student: student.cgpa, reverse =
                True)
10         return sorted_students
11
12 students =[
13     student("durga", "A123", 7.8),
14     student("kalai", "A124", 8.9),
15     student("radhika", "A125",
16         9.1),
17     student("abi", "A126", 9.9),
18 ]
```

Ln 26, Col 69 History



main.py



Run





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```
16     student("abi", "A126", 9.9),
17 ]
18 sorted_students =
19     sort_students(students)
20
21 #Print the sorted list of student
22
23 for student in sorted_students:
24     print("Name: {}, Roll Number: {},
25         CGPA: {}".format(student.name,
26                             student.roll_number,
27                             student.cgpa))
```

Ln 13, Col 35 History



main.py



Run





ElementaryAustereDemo



```
1 def
  linearsearchProduct(ProductList,targetProduct):
2   indices =[]
3   for index, product in
    enumerate(ProductList):
4       if product==targetProduct:
5           indices.append(index)
6   return indices
7
8 #example usage
9 Products=
  ["shoes","boot","loafer","shoes","sandal","shoes"]
10 target = "shoes"
11 target2 = "apple"
12 result =
  linearsearchProduct(Products,
    target)
13 print(result)
14
```

Ln 13, Col 14 History



main.py

 Run