```
$ python3 main.py
Name: ram,Roll Number:A124,CGPA: 9.8
Name: vik,Roll Number:A628,CGPA: 8.8
Name: raj,Roll Number:A383,CGPA: 8.2
Name: mani,Roll Number:A123,CGPA: 7.8
$
```

```
14 students =[
15     Student("mani","A123",7.8),
16     Student("ram","A124",9.8),
17     Student("vik","A628",8.8),
18     Student("raj","A383",8.2)
19 ]
20
21 sorted_students=sort_students(st
   udents)
22
23 for student in sorted_students:
24     print("Name: {},Roll Number:
   {},CGPA: {}".
   format(student.name,student.roll
   _number,student.cgpa))
25
26
27
28
29
```

main.py

Run

Naan mudhalvan

```python
class Student:

  def __init__(self,name,roll_number,cgpa):
    self.name=name
    self.roll_number=roll_number
    self.cgpa=cgpa

def sort_students(student_list):


  sort_students=sorted(student_list, key=lambda student: student.cgpa,reverse=True)

    return sort_students

students =[
  Student("mani","A123",7.8),
  Student("ram","A124",9.8),
  Student("vik","A628",8.8),
```

main.py

Run

```python
def linearSearchProduct(productList, targetProduct):
    indices = []

    for index, product in enumerate(productList):
        if product == targetProduct:
            indices.append(index)

    return indices

products = ["shoes", "boot", "loafer", "shoes", "sandal", "shoes"]
target = "shoes"
target2 = 'apple'
result = linearSearchProduct(products, target)
result2 = linearSearchProduct(products, target)
print(result)

```

Ln 15, Col 14 History

main.py

Run

Python (9)

Exi

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

Console

Run