

```
def linearSearchProduct(productlist,
targetProduct):
    indices = []
    for index, product in
enumerate(productlist):
        if product == targetProduct:
            indices.append(index)

    return indices
```

```
#Example usage:
products = ["shoes", "boot", "loafer",
"shoes", "sandal", "shoes"]
target = "shoes"
result = linearSearchProduct(products,
target)
print(result)
```

```
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 the list of students in descending
order of CGPA
    sorted_students = sorted(student_list,
key=lambda student: student.cgpa,
reverse=True)
    return sorted_students

#Example usage:
students = [
    student("Hari", "A123", 7.8),
    student("Srikanth", "A124", 8.9),
    student("Saumya", "A125", 9.1),
    student("Mahidhar", "A126", 9.9),
]
sorted_students = sort_students(students)

#Print the sort list of students
for student in sorted_students:
    print("Name: {}, Roll Number:
{}".format(student.name,
student.roll_number, student.cgpa))
```