

```

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
9 ✓ def sort_students(student_list):
10     # Sort the list of students in
descending order of CGPA
11     sorted_students =
sorted(student_list,
12                                             key=lambda
student: student.cgpa,
13
reverse=True)
14     # Syntax - lambda arg:exp
15     return sorted_students

```



```
16
17
18 # Example usage:
19 ✓ students = [
20     Student("Hari", "A123", 7.8),
21     Student("Srikanth", "A124", 8.9),
22     Student("Saumya", "A125", 9.1),
23     Student("Mahidhar", "A126", 9.9),
24 ]
25
26 sorted_students =
    sort_students(students)
27
28 # Print the sorted list of students
29 ✓ for student in sorted_students:
30     print("Name: {}, Roll Number: {},
31         student.roll_number,
32         student.cgpa)")
```

```
❏ /nix/store/zqk3m21442kvpjwd3rh41wdavqkzk  
yik-python3-wrapper/bin/python3 $file  
Name: Mahidhar, Roll Number: A126, CGPA: 9  
.9  
Name: Saumya, Roll Number: A125, CGPA: 9.1  
Name: Srikanth, Roll Number: A124, CGPA: 8  
.9  
Name: Hari, Roll Number: A123, CGPA: 7.8  
❏
```