

```
1  def sort_students(student_list):
2      sorted_students =
3          sorted(student_list, key=lambda x:
4              x.cgpa, reverse=True)
5      return sorted_students
6
7  class Student:
8      def __init__(self, name,
9          roll_number, cgpa):
10
11          self.name = name
12          self.roll_number =
13              roll_number
14          self.cgpa = cgpa
15
16  # Example usage:
17  students = [
18      Student("Alice", "A123", 3.8),
19      Student("Bob", "B456", 3.9),
20      Student("Charlie", "C789", 3.7)
21  ]
```

```
17
18 sorted_students =
    sort_students(students)
19
20 ✓ for student in sorted_students:
21     print(f>Name: {student.name},
    Roll Number:
    {student.roll_number}, CGPA:
    {student.cgpa}")
```

```
❏ /nix/store/zqk3m21442kvpjwd3rh41wdavqk  
zkyik-python3-wrapper/bin/python3 $file  
Name: Bob, Roll Number: B456, CGPA: 3.9  
Name: Alice, Roll Number: A123, CGPA: 3.  
8  
Name: Charlie, Roll Number: C789, CGPA:  
3.7  
❏
```