

main (6)

```
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)
```

```
    # Syntax - lambda arg:exp
```

```
    return sorted_students
```

```
# Example usage:
```

```
students = [
```

```
    Student("Hemanth", "A123", 7.8),
```

```
    Student("akila", "A124", 8.9),
```

```
    Student("Saumya", "A125", 9.1),
```

```
    Student("Hari", "A126", 9.9),
```

```
]
```

```
sorted_students = sort_students(students)
```

```
# Print the sorted list of students
```

```
for student in sorted_students:
```

```
    print("Name: {}, Roll Number: {}, CGPA: {}".format(student.name,
```

```
        student.roll_number,
```

```
        student.cgpa))
```