

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 based on CGPA in  
    descending order
```

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

```
    Return sorted_students
```

```
# Example usage
```

```
If __name__ == "__main__":
```

```
    Students = [
```

```
        Student("Alice", "A101", 3.9),
```

```
        Student("Bob", "B102", 3.7),
```

```
        Student("Charlie", "C103", 4.0),
```

```
Student("David", "D104", 3.5),  
]
```

```
Sorted_students = sort_students(students)
```

```
Print("Students sorted by CGPA (descending  
order):")
```

```
For student in sorted_students:
```

```
Print(f"Name: {student.name}, Roll Number:  
{student.roll_number}, CGPA: {student.cgpa}")
```

