

```
"""
```

Implement a function called `sort_student` that takes a list of student objects as input and sorts the list based on their CGPA (Cumulative Grade Point Average) in descending order. Each student object has the following attributes: `name` (string), `roll_number` (string), and `cgpa` (float). Test the function with different input lists of students.

```
"""
```

```
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("Hari", "A 123", 7.8),
```

```
    Student("Srikanth", "A 124", "8.9"),
```

```
    Student("Sowmya", "A 125", "9.1"),
```

```
    Student("Madhumitha", "A 126", "9.9"),
```

```
]
```

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

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

```
for student in sorted_students:
```

[illegible]