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Implement a function called sort\_students 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.

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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”, “A123”, 7.8),

Student(“Srikanth”, “A124”, 8.9),

Student(“Saumya”, “A125”, 9.1),

Student(“Mahidhar”, “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))