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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.
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,
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student .roll_number,
student .cgpa))