**Sorting Marks of Students and Declaring Pass/Fail**

**Algorithm:**

1. Start the program.
2. Create a list with the value of students’ marks
3. Sort the list using sort function
4. Use an if-else condition using for loop to declare and print pass to all students with marks above 50 and fail for those below 50
5. Stop the program

**Program:**

grades=[45,63,97,96,82,94,25]

sorted\_grade=sorted(grades)

print("Sorted Grades: ",sorted\_grade)

for grade in sorted\_grade:

if grade>=50:

print(f"Pass: {grade}")

else:

print(f"fail: {grade}")

**Output:**

