|  |  |
| --- | --- |
| EX:NO:6b | Implementing programs using Functions. ( largest number in a list ) |
| Date: |

**Aim:**

To Implement programs using Functions. (largest number in a list)

**Algorithm:**

**Step1:** Start the program

**Step2:** The find\_largest\_number function takes a list of numbers as its argument

and uses the max() function to find the largest number in the list

**Step3:** The example usage demonstrates how to use this function with a sample

list, and it prints the result.

**Program:**

def find\_largest\_number(numbers):

if not numbers:

return None # Handle empty list case

else:

return max(numbers)

# Example usage:

my\_list = [4, 7, 1, 9, 3, 5]

largest\_number = find\_largest\_number(my\_list)

print(f"The largest number in the list is: {largest\_number}")

**Result:**