1. Python program to find smallest number in a list

def find\_smallest(arr):

return min(arr)

array = [int(x) for x in input("Enter the array elements separated by space: ").split()]

smallest\_number = find\_smallest(array)

print("The smallest number in the list is", smallest\_number)

1. Python program to find largest number in a list

def find\_largest(arr):

return max(arr)

array = [int(x) for x in input("Enter the array elements separated by space: ").split()]

largest\_number = find\_largest(array)

print("The largest number in the list is", largest\_number)

1. Python program to find second largest number in a list

def find\_second\_largest(arr):

arr.sort()

return arr[-2]

array = [int(x) for x in input("Enter the array elements separated by space: ").split()]

second\_largest\_number = find\_second\_largest(array)

print("The second largest number in the list is", second\_largest\_number)

1. Python program to find N largest elements from a list

def find\_n\_largest(arr, n):

arr.sort()

return arr[-n:]

array = [int(x) for x in input("Enter the array elements separated by space: ").split()]

n = int(input("Enter the value of N: "))

n\_largest\_elements = find\_n\_largest(array, n)

print("The", n, "largest elements in the list are", n\_largest\_elements)

1. Python program to print even numbers in a list

def print\_even\_numbers(arr):

even\_numbers = [num for num in arr if num % 2 == 0]

return even\_numbers

array = [int(x) for x in input("Enter the array elements separated by space: ").split()]

even\_numbers = print\_even\_numbers(array)

print("The even numbers in the list are", even\_numbers)

1. Python program to print odd numbers in a List

def print\_odd\_numbers(arr):

odd\_numbers = [num for num in arr if num % 2 != 0]

return odd\_numbers

array = [int(x) for x in input("Enter the array elements separated by space: ").split()]

odd\_numbers = print\_odd\_numbers(array)

print("The odd numbers in the list are", odd\_numbers)

1. Python program to print all even numbers in a range
2. Python program to print all odd numbers in a range
3. Python program to print positive numbers in a list
4. Python program to print negative numbers in a list
5. Python program to print all positive numbers in a range