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C:\Users\NABEEL>C:/Users/NABEEL/AppData/Local/Microsoft/windowsApps/python3.12.exe "c:/Users/NABEEL/Desktop/TRIAL/Python Programming Tasks/SPRINT2/TASK 1/TASK 1.py"
Enter a Number: 5
125
Enter a Number: -1
Given number in Negative
-1
Even Numbers from 1 to 20 :
2
4
6
8
10
12
14
16
18
20
Enter a Number : 5
Enter a Number : -1
Enter a Number : 0
Sum is : 5
Square inside Function : 6
Trying to access the variable from outside the function
125
Counter: 1
Counter: 2
Counter: 3
Second fruit: banana
Union: {1, 2, 3, 4, 5, 6, 7, 8, 9, 10}
Intersection: set()
Difference: {1, 2, 3, 4, 5}
Set1 after adding Number {1, 2, 3, 4, 5, 9}
set2 after removing the number: {6, 8, 9, 10}
4 is present in set
Third element of tuple: 30
Updated set: {40, 10, 50, 20, 60, 30}
Original list with duplicates: [1, 2, 2, 3, 4, 4, 5, 6, 6, 7]
Unique elements : {1, 2, 3, 4, 5, 6, 7}
Common elements : {5, 6, 7}
All elements : {1, 2, 3, 4, 5, 6, 7, 8, 9}

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4 is present in set
Third element of tuple: 30
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Original list with duplicates: [1, 2, 2, 3, 4, 4, 5, 6, 6, 7]
Unique elements : {1, 2, 3, 4, 5, 6, 7}
Common elements : {5, 6, 7}
All elements : {1, 2, 3, 4, 5, 6, 7, 8, 9}
Updated list: [10, 20, 30, 40, 50, 60]
Tuple: (10, 20, 30, 40, 50, 60)
Set with unique values: {40, 10, 50, 20, 60, 30}
Inside modify_global(), x = 15
Inside local_scope_demo(), y = 20
Outside functions, x = 15
Trying to access y outside local_scope_demo():
Traceback (most recent call last):
  File "c:\Users\NABEEL\Desktop\TRIAL\Python Programming Tasks\SPRINT2\TASK 1\TASK 1.py", line 157, in <module>
    print(y) # This will cause an error
    ^
NameError: name 'y' is not defined

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