

Course
&
Test Series

Self-Made Assignment - Python

Break and Continue Statement in Python

Ques1:-Skip Numbers Outside Range (Using continue)

Instructions:

Write a Python program that:

- Repeatedly asks the user to enter a number between 10 and 50.
- If the number is less than 10 or greater than 50, display “Out of range! Try again.” and skip the rest of the loop using continue.
- If the number is within the range, print “Valid number entered.”.
- Stop the program when the user enters 0 (use break).

Output

Enter a number between 10 and 50 (0 to stop): 8
Out of range! Try again.
Enter a number between 10 and 50 (0 to stop): 60
Out of range! Try again.
Enter a number between 10 and 50 (0 to stop): 0
Program stopped by user.....

Ques2:-Stop When Sum Exceeds 50 (Using break)

Instructions:

Write a Python program that:

- Continuously asks the user to enter numbers.
- Keeps adding the numbers to a total sum.
- If the sum becomes greater than 50, stop the loop using break and display the total sum.
- Otherwise, keep asking for more numbers.

Output

Enter a number: 10
Current total: 10
Enter a number: 15
Current total: 25
Enter a number: 12
Current total: 37
Enter a number: 20
Sum exceeded 50! Loop stopped.
Total sum = 57

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