

Course
&
Test Series

Self-Made Assignment - C Language

Do While Loop in C Language

Assignment: Count the Number of Digits in an Integer

Objective:

Write a C program that reads a **positive integer** from the user and counts how many digits it contains using a do...while loop.

Instructions:

1. Prompt the user to enter a **positive integer**.
2. Use a do...while loop to repeatedly divide the number by 10 until it becomes zero.
3. Keep track of how many times the division happens – this count equals the number of digits.
4. Print the total number of digits.

Output 1:

```
Output
Enter a positive integer: 2564
Number of digits = 4
```

Output 2:

```
Output
Enter a positive integer: 53424
Number of digits = 5
```

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