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// Day9 coding Statement : Write a program to find Number of digits in an integer
// Description: Take an integer as the input from the user and then calculate the
number of digits in the given input and print it as the output.
// Input 3241
// Output 4
// Input 6
// Output 1

#include <iostream>
using namespace std;

int main(){
    int num, count;

    cout << "Input: ";
    cin >> num;

    for (count = 0; num > 0; count++){
        num = num / 10;
    }

    cout << "Output: " << count << endl;
    return 0;
}
```