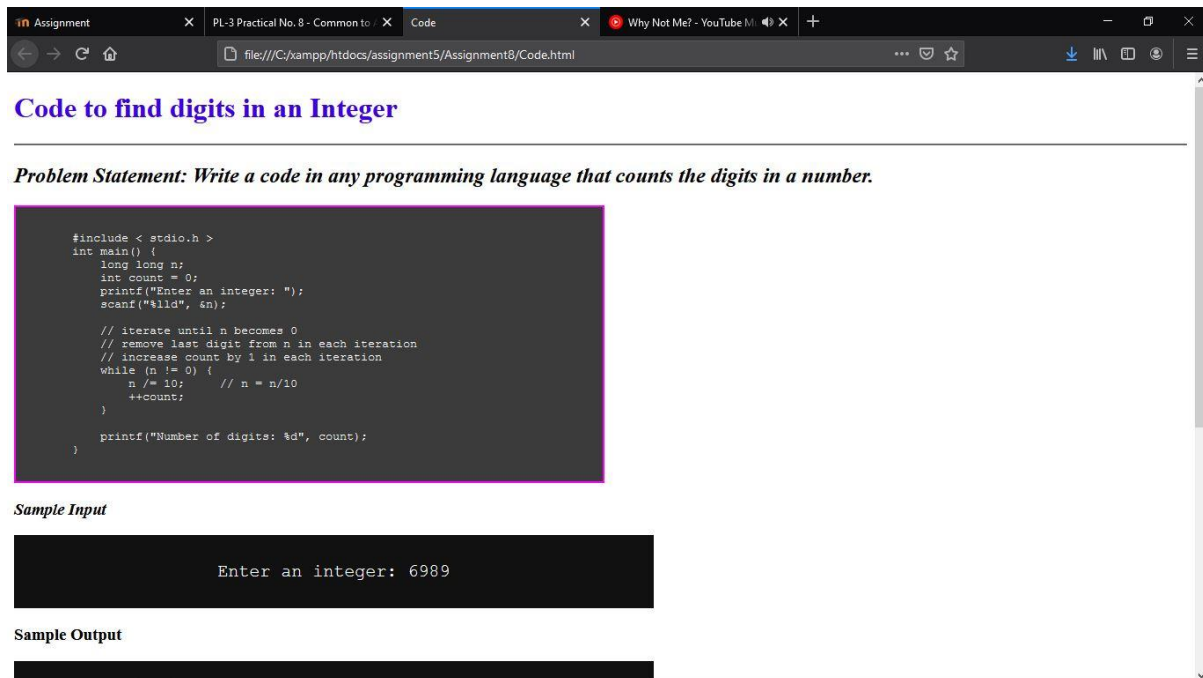


PRN: 2018BTECS00033

Assignment8

PS2: Code snippet styling



The screenshot shows a web browser window with the address bar displaying `file:///C:/xampp/htdocs/assignment5/Assignment8/Code.html`. The page title is "Code to find digits in an Integer". Below the title, the problem statement is: "Problem Statement: Write a code in any programming language that counts the digits in a number." The code is presented in a dark-themed editor with a purple border. The code is in C and uses a while loop to count the digits of a number by repeatedly dividing it by 10. Below the code, there is a "Sample Input" section with a text box containing "Enter an integer: 6989" and a "Sample Output" section with an empty text box.

```
#include <stdio.h>
int main() {
    long long n;
    int count = 0;
    printf("Enter an integer: ");
    scanf("%lld", &n);

    // iterate until n becomes 0
    // remove last digit from n in each iteration
    // increase count by 1 in each iteration
    while (n != 0) {
        n /= 10;    // n = n/10
        ++count;
    }
    printf("Number of digits: %d", count);
}
```

Sample Input

Enter an integer: 6989

Sample Output

Github repo ->

<https://github.com/g-mahendra/PL3Assignments>