

Problem28: Count digits in a given no.

Code:

```
#include <stdio.h>
```

```
int main() {
```

```
    int num, count = 0;
```

```
    printf("Enter a number: ");
```

```
    scanf("%d", &num);
```

```
    if(num == 0) {
```

```
        count = 1; // special case: 0 has 1 digit
```

```
    } else {
```

```
        for(; num != 0; num = num / 10) {
```

```
            count++;
```

```
        }
```

```
    }
```

```
    printf("Total digits = %d\n", count);
```

```
    return 0;
```

```
}
```

Output:

50326

Digits : 5