

Problem29: Sum of digits in a given no.

Code:

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

```
int main() {
```

```
    int num, sum = 0, digit;
```

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

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

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

```
        digit = num % 10;
```

```
        sum += digit;
```

```
    }
```

```
    printf("Sum = %d\n", sum);
```

```
    return 0;
```

```
}
```

Output:

7890

Sum: 24