Sum of digits

```c
#include <stdio.h>
int main() {
int num, sum=0, digit;

Printf ("Enter a number:");

Scanf ("%d", &num);

if (num<0) {
    num = -num;
}

    while (num>0) {
    digit = num % 10;

    Sum += digit;

    num /= 10;

    }
    printf ("sum of digits = %d\n", sum);

    return 0;
}.
```

Output

```
Enter a number : 452
Sum of digits = 11
```

2. Reverse Number:

```c
#include <stdio.h>
int reverse Number (int num);
int main() {
    int num, rev;
    printf ("Enter a number:");
    scanf ("%d", &num);
    rev = reverse Number (num);
    printf ("Reversed number = %d\n", rev);
    return 0;
}

int reverse Number (int num) {
    int rev = 0, digit;
    int n = (num<0)
    while (n>0) {
        digit = n % 10;
        rev = rev * 10 + digit
        n /= 10;
    }
    return (num< 0)
}
```

Output

```
Enter a number : 1234
Reversed number -4321.
```

Swap two Numbers without third variable

```c
#include <stdio.h>
int main() {
    int a,b;
    printf("Enter two numbers:");
    scanf("%d %d", &a, &b);
    printf("\n Before Swapping: a=%d, b=%d\n", a,b);
    a = a+b;
    b = a-b;
    a = a-b;
    printf("After swapping: a=%d, b=%d\n", a,b);
    return 0;
}
```

Enter two numbers: 5 9
Before Swapping: a=5, b=9
After Swapping: a=9, b=5.