1) Write a C Program to print sum of digits.

Input : 234

output : 9

```c
# include <stdio.h>
int main() {
    int num, sum = 0, rem;
    printf ("Enter a number: ");
    scanf ("%d", &num);
    while (num != 0) {
        rem = num % 10;
        sum = sum + rem;
        num = num / 10;
    }
    printf ("Sum of digits = %d \n", sum);

    return 0;

}
```

② Write a C Program to reverse a given number.
      Input: 123
      Output: 321.

```c
#include <stdio.h>
int main(){
    int num, rev=0, rem;
    printf("Enter a number:");
    scanf("%d", &num);

    while(num!=0){
        rem=num%10;
        rev=rev*10+rem;
        num=num/10;
    }
    printf("Reversed number = %d\n", rev);

    return 0;
}
```

(3) write a c program to swap two numbers without using third variable.

```c
# include <stdio.h>
int main() {
    int a, b;
    printf("Enter two numbers: ");
    scanf("%d", &a, &b);
    printf(" 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;
}
```