① write a c program sum of digits using a function?

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

int sumof Digits (int num) {
    int sum = 0;
    while (num != 0) {
        sum += num %.16;
        num /= 10;
    }
    return sum;
}

int main () {
    int number;

    printf ("Enter an integer : ");
    scanf ("%d", &number);

    printf ("sum of digits of %d is %d\n", number,
            Sumof Digits (number));

    return 0;
}
```

⑨ Write a c program to reverse a given number using functions.

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

int reverseNumber (int n) {
    int reversedNum = 0;
    while (n != 0) {
        int remainder = n % 10;
        reversedNum = reversedNum * 10 + remainder;
        n / = 10;
    }
    return reversedNum;
}

int main () {
    int num;
    printf ("Enter an integer: ");
    scanf ("%d", &num);

    int result = reverseNumber (num);
    printf ("Reversed number: %d\n", result);
    return 0;
}
```

③ write a program swapping of two numbers without using 3rd variable.

```c
# include <stdio.h>
# include <conio.h>
  void main()
  {
    int a=10, b=20;
    printf("Before swapping \n");
    printf("a=%d\n b=%d\n", a,b);
      a=a+b;
      b=a-b;
      a=a-b;
    printf("After swapping \n");
    printf("a=%d\n b=%d\n", a,b);
    }
    getch();
    }
```