1) write a c program to reverse given number using a function.

```c
#include <stdio.h>
int reverseNumber (int num) {
    int rev = 0;
    while (num != 0) {
        int digit = num % 10;
        rev = rev * 10 + digit;
        num /= 10;
    }
    return rev;
}
int main () {
    int number;
    printf ("Enter a number: ");
    scanf ("%d", &number);
    int reversed = reverse number (number);
    printf ("Reversed number: %d\n", reversed);
    return 0;
}
```

2) write a c program to print 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 = num / 10; }
    printf ("Sum of digits = %d\n", sum);
```

return o;

}

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

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

a = a+b;
b = a-b;
a = a-b;

Print ("After swapping : \n");
prinf ("a = %d \n", a);
prinf ("b = %d \n", b);

return o;

}
```