1. Write a function to print sum of digits input: 234 output: 9.

```
#include <stdio.h>
#include <conio.h>.
Void printsum of digits. (int n) {
  int sum = 0;
  while (n>0) {
   sum += n % 10;
// get last digit.
  }
Printf ("sum of digits = %d", sum);
  }.
  Printf ("sum of digits = %d", sum);
  }
   Pint main() {.
     int num;
Printf ("Enter a number:");
Scanf ("%d", &num);
Printf sum of digits (num);
  retun 0;
  }.
```

Example.

Input -234

output: sum of digits = 9

2. Writ a program to reverse given number using functions. Input :123 output: 326.

```
#include<stdio.h>
#include<conio.h>
// function to reverse the number
int reverse number (int num){
    int rev =0, digit;
  while (num!=0){
   digit =num%10;
 // extract last digit.
     rev = rev * 10+digit;
 // build reversed number.
      num/=10;
 // remove last digit.
   }.
     return rev;
   int main(){
     int n, reversed;
   Printf ("Enter a number:");
     Scanf("%d", &n);
    reversed =reverse number(n);
Printf ("Reversed number : %d \n", reversed);
    return 0;
  }.
```

Input : Enter a number = 123.

Output : Reversed number - 321

3. Swap two numbers with using third variable

Input a=10, b=20, output : a=20, b=10.

```
#include <stdio.h>
#include <conio.h>
  int main() {
  Int a, b, temp;
 Printf("Enter two numbers :");
 Scanf("%d %d", &a, &b);
    Temp = a;
// Store a in temp
      a=b;
   // assign b to a.
    b = temp;
 // assign temp (old a) to b.
Printf("After Swapping : a = %d, b= %d", a,b);
return 0;
 }
```

Input :- a=10, b=20.

Output :- a=20, b=10.