Chapter -6 :- Functions

Functions

      ↳ library functions.
        → printf(), scanf() .....
      ↳ Userdefine functions.

Syntax :-

return_type   function_name (type1 arg1, type2
                 arg2 ...)
{

    // body of function.

}

Example.
      → return type.

     int add(int a , int b)
     {   ⇉ argument.
       int c;
       c = a+b;
       return c;
      }   ⤳ return
             statement.

(#) Categories of user define functions:

① Without argument and without return type.

② Without argument and with return type.

③ With argument and without return type.

④ With argument and with return type.

(#) Without argument and without return type.

(#)
```c
include<stdio.h>
void add()
{
    int a, b, c;
    printf(" enter the value of a and b");
    scanf("%d %d", &a, &b);
    c = a + b;
    printf(" c = %d", c);
}
```

```
int main ()
{
    add();    // function
              call
    return 0;
}
```