Notes of C programming:

Unit 3: Loops and Function”

Que. What is difference between user define function and predefine function?

Ans.

| User-defined Functions | Library Functions |
| --- | --- |
| These functions are not predefined in the Compiler. | These functions are predefined in the compiler of C language. |
| These function are created by user as per their own requirement. | These functions are not created by user as their own. |
| User-defined functions are not stored in library file. | Library Functions are stored in special library file. |
| There is no such kind of requirement to add the particular library. | In this if the user wants to use a particular library function then the user have to add the particular library of that function in header file of the program. |
| Execution of the program begins from the user-define function. | Execution of the program does not begin from the library function. |
| **Example:** sum(), fact(),…etc. | **Example:** printf(), scanf(), sqrt(),…etc. |

Que. Is it compulsory to declare a function before main function in C programming?

Ans. **It is always a good practice to declare the functions in either before main** or in a separate header file which will be included in other c files where we have used that function.

Que. How to define a function in c programming?

Ans. Syntax:

return\_type function\_name( parameter list ) {

body of the function

}

Que. What is function declaration and function definition in c programming?

Ans. A **function declaration** tells the compiler about a **function's** name, return type, and parameters. A **function definition** provides the actual body of the **function**.