

Date:- 18/6/20

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Course:- C programming

USN:- 4AL17EC106

Topic:- Functions & Array

Sem & Sec:- 6<sup>th</sup> B.

- \* There are two types of functions in C programming
  - i) Library functions :- which are declared in the C header file such as scanf(), printf() etc.
  - ii) User defined function:- which are created by the C programmer.

\* Array:- is a collection of data items, all of the same type accessed using a common name.

~~\* There are~~ or

\* In Array, there are different types

- i) One dimensional
- ii) two dimensional.

\* C pointer :- pointer in C language is a variable that stores the memory address of another variable.

\* Function pointer in C

Here we can add pointer to the function.

Ex:- filter - none

edit

play - arrow

brightness - 4



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### \* Basic Concept of C

C is a programming ~~large~~ language. It was initially developed by Dennis Ritchie as a system programming language to write operating system.

### \* C for loop

This is one of the most frequently used loop in C programming.

#### Syntax:-

for (Initialization condition test ;

α

Statement

β .

\* Different looping techniques was taught.

i) For loop      ii) While loop      iii) Nested for loop.

\* Multiple initialization inside for loop in C.

Ex:- for (i=1, j=1; i<10 & j<10; i++, j++).