

15/12/19

Assignment - 1


Q. What is array? give example
Array in C is a collection of items stored at contiguous memory location which can be accessed randomly using indices of an array. Elements of an array are accessed by specifying the index of the desired elements within square [] brackets after the array name. Array subscripts must be of int type (int, long int, char etc)

eg- int Example [20];
Syntax Datatype name [size];

Q. How can array be passed to a function give an example
To pass an entire array to a function only the name of the array is passed as an argument. However using [] in the function definition will inform the compiler that you're passing an array to the function

```
#include <stdio.h>
#include <conio.h>
void disp (int *num)
{
    printf ("%d", *num);
}
int main ()
{
    int arr [] = { 1, 2, 3, 4, 5, 6, 7, 8, 0 };
    for (int i = 0; i < 10; i++)
    {
        printf ("%d", arr[i]);
    }
}
```



Monika Rajguru 
Name and Signature of the Subject Teacher:


Principal Incharge
St. Mira's College for Girls