

Home Assignments:

Assignment No 1

1. Explain Process of Programming in brief.
2. Explain Procedure for Testing & Debugging of Program.
3. Write a short note on:
 - a) IDE Commands.
 - b) Flow charts
 - c) Algorithms

Assignment No 2

1. What is the difference between fundamental & derived data types?
2. How can character data type be used to represent integers?
3. Write a short note on:
 - a) relational and logical operators
 - b) type conversions
 - c) Variable Vs Constants.

Assignment No 3

1. Write a program to find out whether a number is odd or even.
2. What do you mean by block of code?
3. Differentiate between break & continue statement.
4. The output of the code below is:

```
#include<stdio.h>
void main()
{
int x=5;
if(x<1)
printf("Hello");
if(x==5)
printf("hi");
else
printf("no");
}
```

- a) Hi
- b) Hello
- c) No
- d) None Of the Mentioned,

Assignment No 4

- 1) What do you mean by function? Elaborate its definition with the help of example.
- 2) Define Scope Rules for Function.
- 3) What do you mean by user defined function? Explain with help of example.
- 4) How to pass argument to function. Explain it with the help of example.
- 5) Write a note on Recursion.

Assignment No 5

- 1) What do you mean by array? Discuss the basic features of the same.
- 2) Discuss Types of Array with the help of example.
- 3) Elaborate in detail the 2 dimensional arrays in C.
- 4) How to access 2 dimensional Arrays in C. Write a simple program to justify.

Assignment No 6

- 1) How to define structure and how to access the structure member? Explain with help of example.
- 2) How to use Structures as function Arguments?
- 3) Discuss the pointers to structures with help of program.
- 4) Discuss the self-referential Structures with the help of example
- 5) Write a short note on Standard I/O Library Functions in C.