Data Types of and Variable

Q1. What are variable?

Ans 1- Variable are used to store a value in program. There are two ways to declared variable. Compile time declaration of variable which is also called constant value declaration and run time declaration of variable.

1. Compile time declaration- int a=5;
2. Run time declaration of variable- int a;

Q2-What are data types?

Ans 2- Data type define the attribute of data. This specify the types of variable used in a program. Like- numeric data, character data, string data etc.

Basically data can be declared in three ways

1. Primitive data- int, float, char, boolean.
2. User define data- class, enum, structure, union.
3. Derived data- array, pointer, string, function.

Q3-what do you understand by local and global variable?

Ans3- Local Variable- The scope of variable inlocal variable are defined inside of the function definition.

Ex:for (i=1; i<10; i++),

int a=10, b=10, c;

Global Variable- The scope of variable in global variable are defined outside of the function definition.

Ex:int c;

int main ()

{

int a, b;

a = 10; b = 20;

c = a + b;

….

}