**typedef in C**

typedef is a keyword used in C language to assign **alternative names to existing data types.**

Its mostly used with user defined datatypes, when names of the datatypes become slightly complicated to use in programs.

Following is the general syntax for using typedef,

typedef <existing\_name> <alias\_name>

Ex :

#include<stdio.h>

void main()

{

**typedef** long ulong; //long is named as ulong

ulong i =2, j=3;

printf("%d\n",i);

printf("%d\n",j);

}

**Typedef can be applied to struct as well**

#include<stdio.h>  
#include<string.h>  
   
**typedef** struct **employee**  
{  
 char name[50];  
 int salary;  
}**emp**;  
   
void main( )  
{  
 emp e1; //instead of using employee, simplye use **emp**  
 printf("\nEnter Employee record:\n");  
 printf("\nEmployee name:\t");  
 scanf("%s", e1.name);  
 printf("\nEnter Employee salary: \t");  
 scanf("%d", &e1.salary);  
 printf("\nstudent name is %s", e1.name);  
 printf("\nroll is %d", e1.salary);  
}