Assignment – 4

1. Write a C Program to print Hello Students on the screen.

Ans - #include<stdio.h>

#include<conio.h>

main()

{

Clrscr();

printf(“Hello Students ”);

getch();

}

1. Write a C program to print Hello on the first line and Students in the second line.

Ans - #include<stdio.h>

#include<conio.h>

main()

{

Clrscr();

printf(“Hello\n”);

printf(“Students”);

getch();

}

1. Write a C Program to print “MySirG” on the screen.

Ans - #include<stdio.h>

#include<conio.h>

main()

{

Clrscr();

printf(“MySirG ”);

getch();

}

1. Write a C Program to print “Teacher’s Day” on the screen.

Ans - #include<stdio.h>

#include<conio.h>

main()

{

Clrscr();

printf(“Teacher ‘s Day”);

getch();

}

1. Write a C Program to print \n on the screen.

Ans - #include<stdio.h>

#include<conio.h>

main()

{

Clrscr();

printf(“\\n”);

getch();

}

1. Write a C Program to print %d on the screen.

Ans - #include<stdio.h>

#include<conio.h>

main()

{

Clrscr();

printf(“%%d”);

getch();

}

1. Write a C Program to containing declaration of three variables (of type int , char and float), also assign some values and print values of all three variables using single print().

Ans - #include<stdio.h>

#include<conio.h>

main()

{

int x=5;

char y=’A’;

float z= 2.5;

Clrscr();

printf(“%d \n %c \n %f”,x,y,z);

getch();

}

1. Explore following format specifiers on internet - %i, %g, %lf.

Ans - Use the %i in the C for specfies the type as integer.

Use %e or %of, whichever is shorter.

Use of %lf in C for double.

1. Write a C Program to print character stored in a char variable, also print its ASCII code.

Ans -

#include <stdio.h>

#include<conio.h>

int main()

{

char ch;.

printf("Enter a character");

scanf("%c",&ch); // user input.

printf("\n The ascii value of the ch variable is : %d", ch);

getch();

}

1. How to convert a Decimal number into a binary number and vice versa.

Ans - We convert Decimal numbers into binary number by following steps:-

Step 1: - Divide the number by 2 and store the remainder.

Step 2: - Divide the number by 2 through / (division operator)

Step 3:- Repeat the steps 2 until number is greater than 0.