1. Write a C program to print ***Hello Students*** on the screen.
2. Write a C Program to print ***Hello*** on the first line and ***Students*** in the second line.
3. Write a C program to print “***MySirG***” on the screen
4. Write a C program to print “***Teacher’s Day***” on the screen
5. Write a C program to print ***\n*** on the screen
6. Write a C program to print ***%d*** on the screen
7. Write a C program containing declaration of three variables (of type int, char and float), also assign some values to them and print values of all three variables using single printf().
8. Explore following format specifiers on internet - ***%i, %g, %lf***
9. Write a C program to print character stored in a char variable, also print its ASCII code.
10. How to convert a Decimal number into a Binary number and vice versa.

Ans1:

#include<stdio.h>

#include<conio.h>

int main(){

printf("Hello Students");

}

Ans2:

#include<stdio.h>

#include<conio.h>

int main(){

 printf("Hello\nStudents");

 }

Ans3:

#include<stdio.h>

#include<conio.h>

int main(){

 printf("MySirG");

 }

Ans4:

#include<stdio.h>

#include<conio.h>

int main(){

 printf("Teacher's Day");

 }

Ans5:

#include<stdio.h>

#include<conio.h>

int main(){

 printf("\\n");

 }

Ans6:

#include<stdio.h>

#include<conio.h>

int main(){

 printf("%%d");

 }

Ans7:

#include<stdio.h>

#include<conio.h>

int main(){

    int a;

    char c;

    float f;

    a=3;

    c='g';

    f=3.0;

 printf("a=%d\nc=%c\nf=%f",a,c,f);

 }

Ans8: %i is as similar as %d.

%g is used to give shortest representation among %f and %e.

%lf is used for double data type.

Ans9:

#include<stdio.h>

#include<conio.h>

int main(){

    char c;

    c='C';

 printf("c=%c\nASCII of %c is %d",c,c,c);

 }

Ans10:

1. Steps to to convert a number from a decimal number system to a binary number system:
2. Divide the number by 2.
3. Get the integer quotient for the next iteration.
4. Get the remainder for the binary digit.
5. Repeat the steps until the quotient is equal to 0.