**Assignment - 4 C Language LIVE Community Classes MySirG**

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

ANS:- #include<stdio.h>

int main()

{

printf("Hello Students");

}

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

ANS:- :- #include<stdio.h>

int main()

{

printf("Hello\n Students");

}

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

ANS:- #include<stdio.h>

int main()

{

printf("\"MySirG\"");

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

ANS:- #include<stdio.h>

int main()

{

printf("\"Teacher’s Day\"");

}

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

ANS:- #include<stdio.h> int main() {

printf("\\n");

}

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

ANS:- :- #include<stdio.h>

int main()

{

printf("%%d");

}

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().

ANS:- #include<stdio.h>

int main()

{

int a = 3;

char c = 'k';

float f = 3.3;

printf("a = %d\nc = %c\nf = %.2f",a,c,f);

}

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

ANS:- %i specifies the types as integer.

%g is use to print the decimal floating-point values.

%lf is use for long double value print. %f and %lf doth can print double value.

9. Write a C program to print character stored in a char variable, also print its ASCII

code.

ANS:- #include<stdio.h> int main() { int a = 3;

char c = 'k';

float f = 3.3;

printf(" The Character is %c\n",c);

printf(" And his ASCII code is %d ",c);

}

10. How to convert a Decimal number into a Binary number and vice versa.

ANS:- 1st Decimal to Binary-

Taking 73 as a decimal number



2nd Binary to Decimal-



Taking 1001001 as binary number-



1\*2^0 + 0\*2^1 + 0\*2^2 + 1\*2^3 + 0\*2^4 + 0\*2^5 + 1\*2^6



= 1 + 0 + 0 + 8 + 0 + 0 + 64

= 73 ans .

So it is proved.