**Assignment 1**

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

#include<stdio.h>

int main(){

    printf("Hello Students");

    return 0;

}

2.Write a program to print Hello in the first line and Students in the second line.

#include<stdio.h>

int main(){

printf("Hello\nStudents");

return 0;

}

3. Write a program to print “MySirG” on the screen. (Remember to print in double quotes)

#include<stdio.h>

int main(){

printf("\"MySirG\"");

return 0;

}

// 4. WAP to find the area of the circle. Take radius of circle from user as input and print the

// result in below given format.

#include<stdio.h>

int main(){

float R,A;

printf("Enter the raidus of circle = ");

scanf("%f",&R);

A=(3.14\*R\*R);

printf("\n Area of circle is %f having the radius %f",A,R);

return 0;

}

5. WAP to calculate the length of String using printf function.

#include<stdio.h>

int main()

{

int x;

char a[20];

gets(a);

x=printf(a);

printf("the length of the string is %d",x);

return 0;

}

6. WAP to print the name of the user in double quotes.

Expected output format – “Hello , Amit Kumar”

#include<stdio.h>

int main()

{

int x;

char a[20];

gets(a);

printf("\"hello ,%s\"",a);

return 0;

}

//7. WAP to print “%d” on the screen.

int main(){

printf("%%d");

return 0;

}

// 8. WAP to print “\n” on the screen.

#include<stdio.h>

int main(){

printf(" \"\\n\"");

return 0;

}

// 9. WAP to print “\\” on the screen.

#include<stdio.h>

int main(){

printf("\"\\\\\"");

return 0;

}

10. WAP to take date as an input in below given format and convert the date format and

display the result as given below.

User Input date format – “DD/MM/YYYY” (27/11/2022)

Output format –

“Day – DD , Month – MM , Year – YYYY” (Day – 27 ,Month – 07 , Year – 2022)

#include<stdio.h>

int main()

{

int day,month,year;

scanf("\”%d/%d/%d\”",&day,&month,&year);

printf("\"Day - %d , Month - %d , Year - %d",day,month,year);

return 0;

}

11. WAP to take time as an input in below given format and convert the time format and

display the result as given below.

User Input date format – “HH:MM”

Output format – “HH hour and MM Minute”

Example –

“11:25” converted to “11 Hour and 25 Minute”

#include<stdio.h>

int main()

{

int hour,minutes;

scanf("\"%d:%d\"",&hour,&minutes);

printf("\"%d hour and %d minutes \"",hour,minutes);

return 0;

}

12. Find output of below code:

int main()

{

int x = printf(“ineuron”);

printf(“%d”,x);

return 0;

}

Output is 7