**ASSIGNMENT-1**

**Input and output**

1. Write a program to print Hello Students on the screen.
2. #include<stdio.h>
3. int main()
4. {
5. printf("Hello Students");
6. return 0;
7. }

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.

Expected output format-“area of circle is A having the radius R”.Replace with area & R with radius.

#include<stdio.h>

int main()

{

    float A,R;

    printf("Enter the radius of circle:");

    scanf("%f",&R);

    A=3.14\*R\*R;

    printf("Area of cirlce 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 a;

   a=printf("hello\nstudents");

   printf("%d",a);

   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()

{

   printf("\"Hello,Amit Kumar\"");

   return 0;

}

1. WAP to print "%d" on the screen.

#include<stdio.h>

int main()

{

   printf("%%d");

   return 0;

}

1. WAP to print "\n" on the screen.

#include<stdio.h>

int main()

{

   printf("\\n");

   return 0;

}

1. WAP to print "\\" on the screen.

#include<stdio.h>

int main()

{

   printf("\\\\");

   return 0;

}

1. 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 D,M,Y;

    printf("Enter Date in format(DD/MM/YYYY):");

    scanf("%d/%d/%d",&D,&M,&Y);

    printf("Date-%d,Month-%d,Year-%d",D,M,Y);

    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 H,M;

    printf("Enter time in format(HH:MM):");

    scanf("%d:%d",&H,&M);

    printf("%d Hour and %d Minute",H,M);

    return 0;

}

12.Find output of below code:

*int main()*

*{*

*int x=printf("ineuron");*

*printf("%d",x);*

*return 0;*

*}*

OUTPUT:ineuron7