**Assignment 1:**

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

#include<stdio.h>

int main()

{

printf("Hello");

return 0;

}

1. **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;

}

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

#include<stdio.h>

int main()

{

printf("\"MySirG\"");

return 0;

}

1. **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 A with area & R with radius.**

#include<stdio.h>

int main()

{

float a,r;

printf("Enter the radius: ");

scanf("%f",&r);

printf("Area of circle is: %f",3.14\*r\*r);

return 0;

}

1. **WAP to calculate the length of String using printf function.**

#include<stdio.h>

int main()

{

int x;

x=printf("Hello World");

printf("\nLength is %d",x);

return 0;

}

1. **WAP to print the name of the user in double quotes.**

#include<stdio.h>

int main()

{

printf("\"Hello,Subhadeep Karmakar\"");

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 dd,mm,yy;

printf("Enter the date in dd/mm/yyyy format\n");

scanf("%d/%d/%d",&dd,&mm,&yy);

printf("Day-%d, Month-%d, Year-%d",dd,mm,yy);

return 0;

}

1. **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 hh,mm;

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

scanf("%d:%d",&hh,&mm);

printf("%d hours and %d minutes",hh,mm);

return 0;

}

1. **Find output of below code:**

**int main()**

**{**

**int x = printf(“ineuron”);**

**printf(“%d”,x);**

**return 0;**

**}**

**Ans.** ineuron7