Assignment - 1 A Job Ready Bootcamp in C++, DSA and IOT Input and output in C Language

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

#include<stdio.h>

int main(){

   printf("Hello Students");

    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("\"My Sir G\"");

    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.
2. #include<stdio.h>
3. #define PI 3.14
4. int main(){
5. float r,a;
6. printf("Enter the value of radius:");
7. scanf("%f",&r);
8. a=(PI\*r\*r);
9. printf("Area of circle is %f having the radius %f",a,r);
10. return 0;
11. }
12. WAP to calculate the length of String using printf function.

 #include<stdio.h>

 int main(){

    int x= printf("Hello");

    printf("%d",x);

    return 0;

 }

1. WAP to print the name of the user in double quotes. Expected output format – “Hello , Amit Kumar”
2. #include<stdio.h>
3. int main(){
4. printf("Hello, Amit Kumar");
6. return 0;
7. }
9. 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)

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”
2. Find output of below code:

int main()

{

int x = printf(“ineuron”);

printf(“%d”,x);

return 0;

}

**Output: ineuron7**