**Assignment – 1 A Job Ready Bootcamp in C++, DSA and IOT MySirG**

***Input and output in C Language***

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//Q1. 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\nStudent");

    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\" ");

}

/\*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 radius,area;

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

    scanf("%f",&radius);

    area = 3.14\*radius\*radius;

    printf("Area of the circle: %.2f",area);

    return 0;

}

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

#include<stdio.h>

#include<string.h>

int main()

{

    char s[20];

    int i;

    printf("Enter the strings:");

    gets(s);

    i = strlen(s);

    printf("Length of String: %d",i);

    return 0;

}

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

#include<stdio.h>

int main()

{

    printf(" \"Hello.Abhishek\" ");

    return 0;

}

//7. WAP to print “%d” on the screen.

#include<stdio.h>

int main()

{

    printf(" \"%%d\" ");

}

//8. WAP to print “\n” on the screen

#include<stdio.h>

int main()

{

   printf(" \\n ");

}

//9. WAP to print “\\” on the screen

#include<stdio.h>

int main()

{

    printf(" \\\\ ");

}

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

display the result as given below.\*/

#include<stdio.h>

int main()

{

    int d,m,y;

    printf("Enter the Date:DD/MM/YYYY:-");

    scanf("%d /%d / %d",&d,&m,&y);

    printf("Day-%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.\*/

#include<stdio.h>

int main()

{

    int HH,MM;

    printf("Enter the time:(HH:MM):-");

    scanf("%d:%d",&HH,&MM);

    printf("%d Hour %d Minute",HH,MM);

    return 0;

}

// 12. Find output of below code:

int main()

{

    int x = printf("ineuron");

    printf("%d", x);

    return 0;

}

// Output is ineuron7