

# **A Job Ready Bootcamp in C++, DSA and IOT**

## **Assignment-1**

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

**Ans:-**

```
#include<stdio.h>

#include<conio.h>

int main()

{

    printf("Hello Students");

    getch();

}
```

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

**Ans:-**

```
#include<stdio.h>

#include<conio.h>

int main()

{

    printf("Hello \nStudents");

    getch();

}
```

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

**Ans:-**

```
#include<stdio.h>

#include<conio.h>

int main()

{

    printf("\"MySirG\"");

    getch();

}
```

```
}
```

- 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 A with area & R with radius.**

**Ans:-**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    int R;
    printf("Enter the radius of the circle:-");
    scanf("%d",&R);
    printf("Area of circle is %f having the radius %d",3.14*R*R,R);
    getch();
}
```

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

**Ans:-**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    int x=printf("Sourav");
    printf("\nLength of the string is=%d",x);
    getch();
}
```

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

**Expected output format – “Hello , Amit Kumar”**

**Ans:-**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    printf("\nHello , Sourav Samanta\n");
    getch();
}
```

**7.WAP to print “%d” on the screen.**

**Ans:-**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    printf("\n%%d\n");
    getch();
}
```

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

**Ans:-**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    printf("\n\n\n");
    getch();
}
```

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

**Ans:-**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    printf("\\\\\\\\");
    getch();
}
```

**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)**

**Ans:-**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    int d,m,y;
    printf("Input date format-\\DD/MM/YYYY\\n");
    scanf("%d/%d/%d",&d,&m,&y);
    printf("Day-%02d,Month-%02d,Year-%4d",d,m,y);
    getch();
}
```

**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”**

**Ans:-**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    int h,m;
    printf("Enter hour and minute in format HH:MM :--");
    scanf("%d:%d",&h,&m);
    printf("%02d Hour %02d Minute ",h,m);
    getch();
}
```

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

```
int main()
{
    int x = printf("ineuron");
    printf("%d",x);
    return 0;
}
```

**Ans:-** ineuron7