

iNeuron

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Course Name: **Job Ready Bootcamp in C++, DSA and IOT**

Assignment No: **1**

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

Program

```
#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.

Program

```
#include<stdio.h>

int main()
{
    printf("Hello\nStudents");
    return 0;
}
```

3. Write a program to print **"MySirG"** on the screen.

Program

```
#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.

Program

```

#include<stdio.h>

int main()
{
    int R;float pi=3.1416,A;
    printf("enter a radius:");
    scanf("%d",&R);
    A=pi*R*R;
    printf("Area of circle %f having the radius %d",A,R);
    return 0;
}

```

5. WAP to calculate the length of string using printf function.

Program

```

#include<stdio.h>

int main()
{
    int x=printf("musharaf");
    printf("\nlength of string is:%d",x);
    return 0;
}

```

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

Program

```

#include<stdio.h>

int main()
{
    printf("\"Hello,Amit Kumar\"");
    return 0;
}

```

7. WAP to print “%d” on the screen.

Program

```
#include<stdio.h>

int main()
{
    printf("%%d");
    return 0;
}
```

8. WAP to print “\n” on the screen.

Program

```
#include<stdio.h>

int main()
{
    printf("\\n");
    return 0;
}
```

9. WAP to print “\\” on the screen.

Program

```
#include<stdio.h>

int main()
{
    printf("\\\\");
    return 0;
}
```

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)

Program

```
#include<stdio.h>

int main()
{
```

```

        int a,b,c;

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

        scanf("%d/%d/%d",&a,&b,&c);

        printf("Days-%d,Month-%d,Year-%d",a,b,c);

        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”

Program

```

#include<stdio.h>
int main()
{
    int a,b;
    printf("Enter time in HH:MM format:");
    scanf("%d:%d",&a,&b);
    printf("%d Hour and %d Minute",a,b);
    return 0;

}

```

12. Find output of below code:

```

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

```

Output

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