

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

```
#include<stdio.h>

#include<conio.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>

#include<conio.h>

int main()

{

    printf("Hello\nStudents");

    return 0;

}
```

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

```
#include<stdio.h>

#include<conio.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.

Expected output format – “Area of circle is A having the radius R”.
Replace A with area & R with radius.

```
#include<stdio.h>

#include<conio.h>

#define PI 3.141

int main()
{
    float Radius,Area;
    printf("Enter the Radius");
    scanf("%f",&Radius);
    Area=PI*Radius*Radius;
    printf("Area of circle is %f having radius %f",Area,Radius);
    return 0;
```

```
}  
"F:\A Job Ready Bootcamp in C++,DSA and IOT\Area of circle.exe"  
Enter the Radius 5  
Area of circle is 78.525002 having radius 5.000000  
Process returned 0 (0x0)   execution time : 3.700 s  
Press any key to continue.  
  
Activate Windows  
Go to Settings to activate Windows.  
  
Type here to search  
31°C  
04:25 PM  
25-08-2022
```

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

```
#include<stdio.h>
```

```
#include<conio.h>
```

```
int main()
```

```
{
```

```
    char a[100];
```

```
    int length;
```

```
    printf("Enter a string to calculate its length\n");
```

```
    gets(a);
```

```
    length=strlen(a);
```

```
    printf("Length of string = %d\n",length);
```

```
    return 0;
```

```
}
```

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

Expected output format – “Hello , Amit Kumar”

```
#include<stdio.h>
#include<conio.h>
int main()
{
    printf("\nHello, Abuhurera");
    return 0;
}
```

7. WAP to print “%d” on the screen.

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

```
    return 0;
}
```

8. WAP to print “\n” on the screen.

```
#include<stdio.h>
#include<conio.h>
int main()
{
    printf("\n\n");
    getch();
    return 0;
}
```

9. WAP to print “\\” on the screen.

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

```
#include<stdio.h>

#include<conio.h>

int main()

{

    int DD,MM,YYYY;

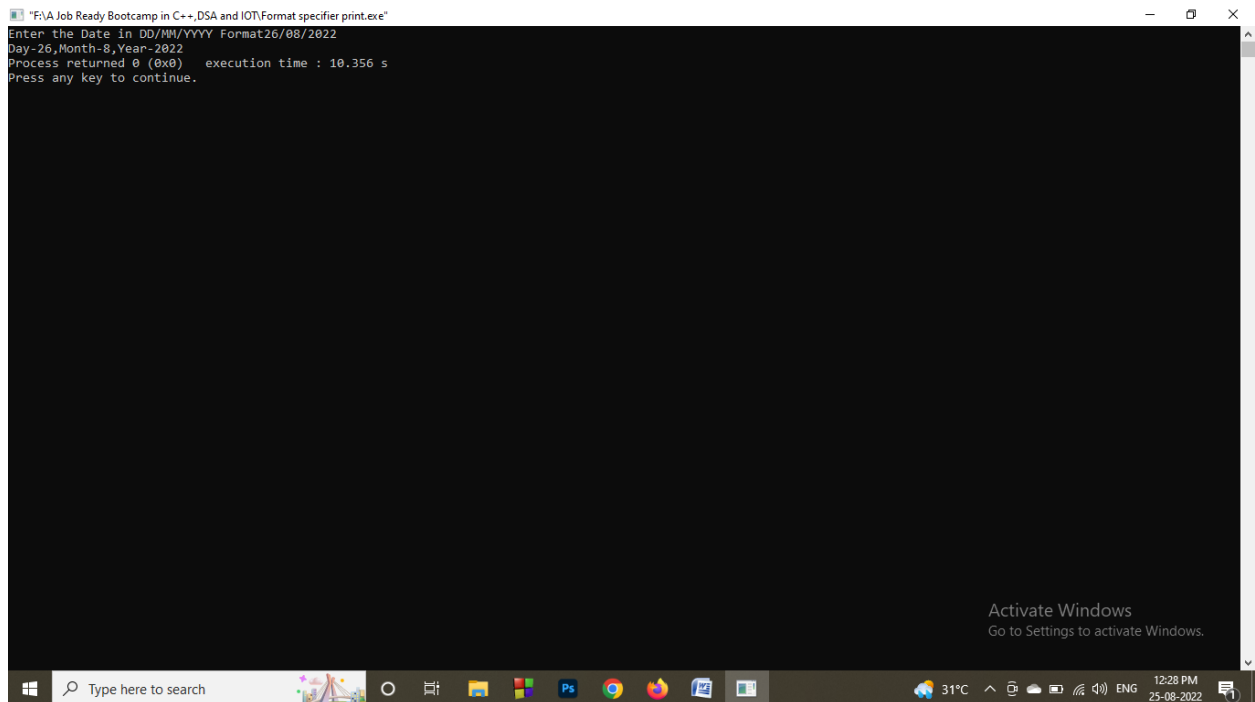
    printf("Enter the Date in DD/MM/YYYY Format");

    scanf("%d/%d/%d",&DD,&MM,&YYYY);

    printf("Day-%d,Month-%d,Year-%d",DD,MM,YYYY);

    return 0;

}
```



```
"F:\A Job Ready Bootcamp in C++,DSA and IOT\Format specifier print.exe"
Enter the Date in DD/MM/YYYY Format26/08/2022
Day-26,Month-8,Year-2022
Process returned 0 (0x0)   execution time : 10.356 s
Press any key to continue.
```

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”

```
#include<stdio.h>

#include<conio.h>

int main()
{

    int HH,MM;

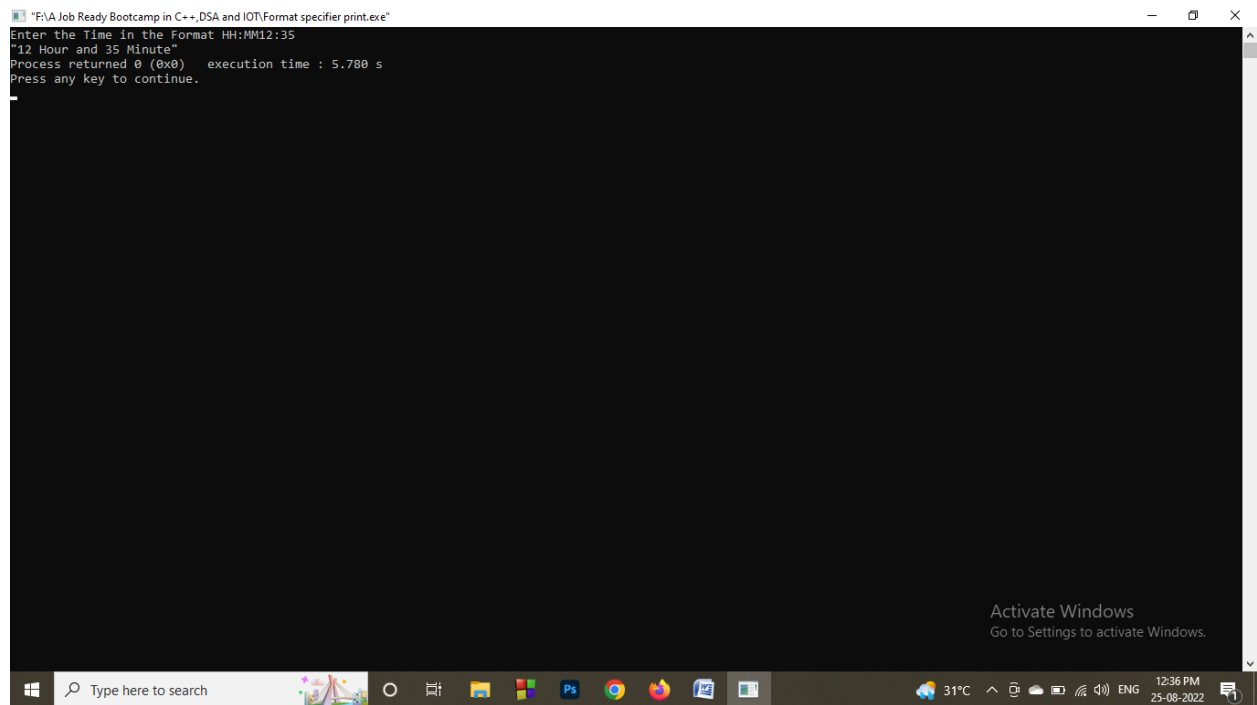
    printf("Enter the Time in the Format HH:MM");

    scanf("%d:%d",&HH,&MM);

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

    return 0;

}
```

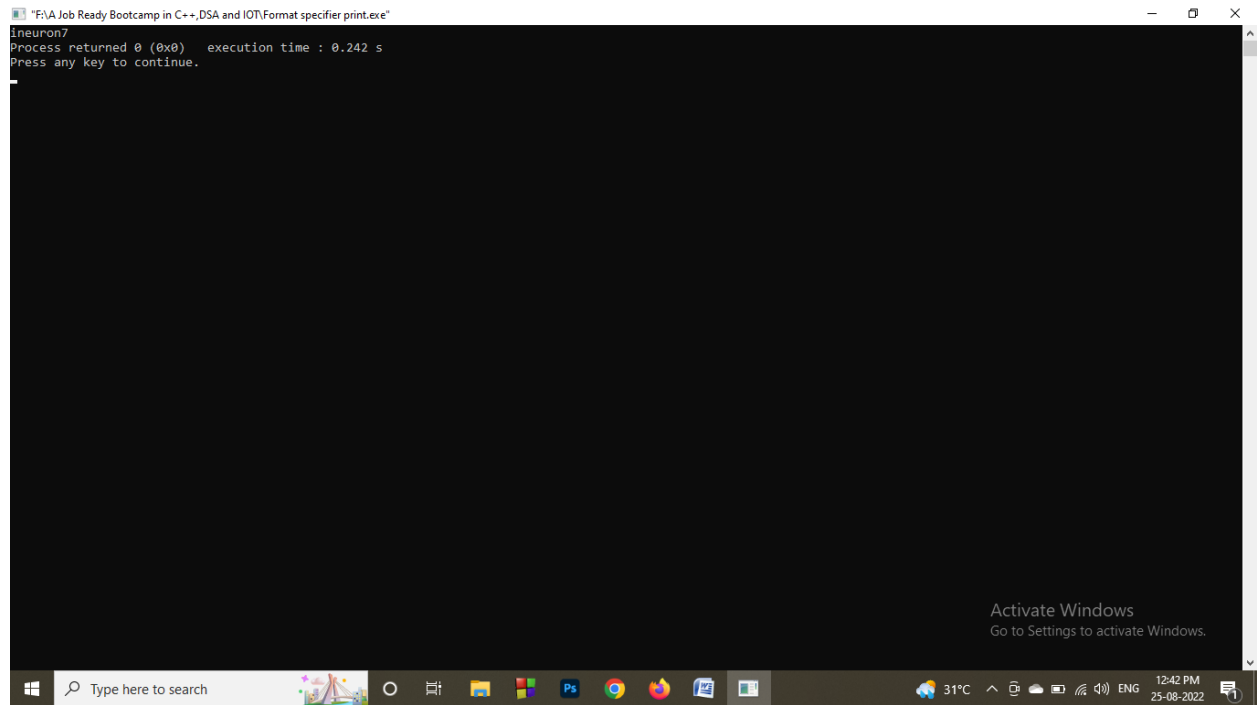


```
F:\A Job Ready Bootcamp in C++ DSA and IOT\Format specifier print.exe
Enter the Time in the Format HH:MM12:35
12 Hour and 35 Minute
Process returned 0 (0x0)   execution time : 5.780 s
Press any key to continue.
```

12. Find output of below code:

```
int main()
```

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



The screenshot shows a Windows command prompt window titled "F:\A Job Ready Bootcamp in C++,DSA and IOT\Format specifier print.exe". The window displays the output of a C++ program. The first line is "ineuron7". The second line is "Process returned 0 (0x0) execution time : 0.242 s". The third line is "Press any key to continue.". The window is set against a black background. The Windows taskbar is visible at the bottom, showing the search bar, task view button, and several application icons. The system tray on the right shows the temperature (31°C), network status, and the date and time (12:42 PM, 25-08-2022). An "Activate Windows" watermark is visible in the bottom right corner of the command prompt window.

```
"F:\A Job Ready Bootcamp in C++,DSA and IOT\Format specifier print.exe"  
ineuron7  
Process returned 0 (0x0) execution time : 0.242 s  
Press any key to continue.
```

Activate Windows
Go to Settings to activate Windows.