

Input and output in C Language

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

```
#include<stdio.h>
int main()
{
    printf("Hello");
    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\nStudents");
    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\"");
    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>
int main()
{
    int r;
    printf("enter the radius of circle ; ");
    scanf("%d",&r);
    printf("\"Area of circle is %f having radius %d\"",3.14*r*r,r);
    return 0;
}
```

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

```
#include<stdio.h>
int main()
{
    int a =printf("minal");
    printf("size of a is %d",a);
    return 0;
}
```

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

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

#include<stdio.h>

```

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

```

7. WAP to print “%d” on the screen.

```

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

```

8. WAP to print “\n” on the screen.

```

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

```

9. WAP to print “\\” on the screen.

```

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

```

#include<stdio.h>
int main()
{
    int d,m,y;
    printf("enter the date");
    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.

User Input date format – “HH:MM”

Output format – “HH hour and MM Minute”

Example –

“11:25” converted to “11 Hour and 25 Minute”

```

#include<stdio.h>

```

```

int main()
{
    int h,m;
    printf("enter the date");
    scanf("%d %d",&h,&m);
    printf("\n%d hour and %d minute\n",h,m);
    return 0;
}

```

12. Find output of below code:

```

int main()
{
    int x = printf("ineuron");
    printf("%d",x);
    return 0;
}
O/p= 7

```