

## Assignment 1

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

```
#include <stdio.h>
int main()
{
    printf("Hello Students");
    return 0;
}
```

Ans Hello Students

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;
}
```

Ans Hello  
Students

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;
}
```

Ans "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.

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;
    float a;
    printf("enter the radius of circle");
```

```

scanf("%d",&r);
a=3.14*r*r;
printf("area of circle is: %f",a);
return 0;
}

```

Ans. enter the radius of circle 5  
 area of circle is: 78.50000

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

```

#include <stdio.h>
int main();
{
    int x= printf("string");
    printf("\nlength of string %d",x);
    return 0;
}

```

Ans. string  
 length of string 6

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;
}

```

Ans. "Hello , Amit Kumar"

7. WAP to print "%d" on the screen.

```

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

```

Ans. "%d"

8. WAP to print "\n" on the screen.

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

Ans. "\n"

9. WAP to print "\\" on the screen.

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

Ans. "\\"

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 day,month,year;
    printf("enter the date DD/MM/YYYY format\n");
    scanf("%d/%d/%d",&day,&month,&year);
    printf("day-%d, month-%d, year-%d", day,month,year);
    return 0;
}
```

Ans. enter the date DD/MM/YYYY format

15/08/2022

day-15, month-8, year-2022

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>
int main()
{
    int hour, minute;
    printf("enter the time HH:MM format\n");
    scanf("%d:%d",& hour, & minute);
    printf("%d hour and %d minute",hour, minute);
    return 0;
}
```

Ans. enter the time HH:MM format

11:25

11 hour and 25 minute

12. Find output of below code:

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

Ans. ineuron7