

ASSIGNMENT 1

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

```
printf("Hello Students");
```

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

```
printf("Hello\nStudents");
```

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

```
printf("\"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.

```
float r, pi = 3.14, area;  
printf("Enter the radius ");  
scanf("%f", &r);  
area = pi*r*r;  
printf("Area of circle is %f having the radius %f ", area, r);
```

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

```
int x;  
x=printf("mysirg.com");  
printf("\n");  
printf("string length is: %d", x);
```

6. WAP to print the name of the user in double quotes.
Expected output format – “Hello , Amit Kumar”

```
printf("\"Hello, Yogendra Singh\"");
```

7. WAP to print “%d” on the screen.

```
printf("%%d");
```

8. WAP to print “\n” on the screen.

```
printf("\\n");
```

9. WAP to print “\\” on the screen.

```
printf("\\\\");
```

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)

```
int date, month, year;
printf("Enter Date: DD/MM/YYYY ");
scanf("%d/%d/%d", &date, &month, &year);
printf("Day - %d , Month - %d , Year - %d",date,month,year);
```

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 time format – “HH:MM”

Output format – “HH hour and MM Minute”

Example –

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

```
int hour, minute;
printf("Enter Time: ");
scanf("%d:%d", &hour, &minute);
printf("%d Hour and %d Minute",hour, minute);
```

12. Find output of below code:

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

Output:-

ineuron7