ASSIGNMENT 1

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

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

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

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

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

```
 int main()
    {
   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.

```
  int main()
  {
     float r, pi = 3.14, area;
     printf("Enter the redius ");
     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 main()
  {
     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"

```c
int main()
{
    printf("\"Hello, Yogendra Singh\"");
}
```

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

```c
int main()
{
    printf("%%d");
//printf("%c%c",'%' ,'d');
}
```

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

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

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

```c
int main()
{
    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)

```c
int main()
{
    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"

```c
int main()
{
```

```c
    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:

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

Output:-

ineuron7