Assignment =1

// program 1: write aa program to print hello students on the screen.

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

// program 2: write aa program to print hello in first line and students in the second line .

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

// program 3: program to print "MySirG" on the screen.

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

//* 4. program to find the area of the circle take radius of circle from user as input and print the result.

```c
#include <stdio.h>
int main()
{
    int Radius;
    float PI=3.14,Area;
    printf("Enter the Radius of circle : ");
```

```c
        scanf("%d",&Radius);
        Area=PI*Radius*Radius;
        printf("Area of Circle is %.3f having the radius %d ",Area,Radius);
}
```

// 5. program to find lenght of the string using printf function.

```c
#include <stdio.h>
int main()
{
        int z=printf("Sourab Shukla Sir is The Best Teacher in the World\n");
        printf("lenght of the string is %d",z);
}
```

// 6. program to print name of the user in double quotes

```c
#include <stdio.h>
int main()
{
        char name[20];
        scanf("%s",&name);
        printf("\"%s\"",name);
        return 0;
}
```

// 7. program to print %d on the screen

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

// 8.   program to print \n on the screen.

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

```c
// 9.  program to print \\ on the screen

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

```c
/* 10.write aa program to take date as input in below given formatand convert
the date format and display the resule as given
  below :
        user input date format- "DD/MM/YYYY"(27/11/20222)
                    OUTPUT FORMAT-
                    "Day - DD,Month -MM,Year -
YYYY"(Day-27,Month-07,Year-2022)  */

#include <stdio.h>
int main()
{
    int d,m,y;
    printf(" \"DD/MM/YYYY\" :" );
    scanf("%d%d%d",&d,&m,&y);
    printf("\"Day-%.2d,Month-%.2d,Year-%d\"",d,m,y);
    return 0;
}
```

```c
/* 11. write aa program 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"  */

#include <stdio.h>
int main()
{
    int hour,minute;
    printf("\"HH:MM\" : ");
    scanf("%d%d",&hour,&minute);
    printf("\"%d Hour and %d Minute\"",hour,minute);
}
```

```c
// 12. Find output of the following program.
int main()
```

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

Output is

ineuron7