

Assignment - 1

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

```
#include<stdio.h>

int main()
{
    printf("Hello Students");
    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 radius;
    float area;
    printf("Enter the radius = ");
    scanf("%d",&radius);

    area = 3.14*radius*radius;

    printf("Area of Circle = %f",area);

    return 0;
}
```

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

```
#include<stdio.h>

int main()
{
    int x;
    x = printf("Welcome");
    printf("\n length of \n\"Welcome\" = %d",x);
    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("\"Hello , Amit Kumar\"");
    return 0;
}
```

7. WAP to print “%d” on the screen.

```
#include<stdio.h>

int main()
{
    printf("\"%%d\"");
    return 0;
}
```

8. WAP to print “\n” on the screen.

```
#include<stdio.h>

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

9. WAP to print “\\” on the screen.

```
#include<stdio.h>
```

```
int main()
{
    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 day,month,year;
    printf("Enter date in DD/MM/YYYY format\n");
    scanf("%d/%d/%d",&day,&month,&year);
    printf("Day-%d, Month-%d, Year-%d",day,month,year);
    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 hour,min;
    printf("Enter time in HH:MM format\n");
    scanf("%d:%d",&hour,&min);
    printf("%d Hours and %d Minutes ",hour,min);
    return 0;
}
```

12. Find output of below code:

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

Output - ineuron7