Assignment - (1)

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

Ans

```
int main( )
{         printf(" Hello students");
}
```

(2) Write a program to print Hello in the first line and students in the second line.

Ans

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

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

Ans

```
int main( )
{         printF("\" MYSIRG"\");
}
```

(6) WAP to calculate the length of Stri print the name of the user in double quotes.
" Hello, Amit Kumar"

Ans
```
int main( )
{         printf("\" Hello, Amit Kumar"\");
```

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

```
int main( )
```

```
{    printf ("\" %%d"\"");
}
```

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

Ans

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

(9) WAP to print "\\" on the screen

```
int main()
{ printf ("\" \\\\"\"");
```

(10) WAP to take date as an input in beloo given format and convert date format and display the result as given beloo

Ans
```
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.

```c
int main()
{ int hour, min;
    printf("enter time in HH: MM format \n");
    Scanf("%d: %d", & hour, & min);

    printf("%d Hourse and %d Minutes",
                    hour, min);
    return (0);
}
```

(12) Find output of below code :

```c
int main()
{
    int x = printf(" ineuron");
    printf("%d", x);
    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 format.

```c
int main()
{ int r, A;

    printf(" enter the radius of circle
            to find it's Area.");
    Scanf("%d", &r);
```

A = 3.14 x r x r ;
printf (" Area of circle is %d ", A);

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

Ans

    int main ( )
  {   int length ;
      char a [100] ;
                printf (" enter a string to calculate it is
                    length \n ") ; gets (a) ;
      length =   strlen (a) ;

      printf (" Length of the string = %d\n ", length) ;

      return 0 ; }