

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.

```
#include<stdio.h>
int main()
{
    int r;
    float a;
    printf("Enter radius of circle :");
    scanf("%d",&r);
    a=(3.141592653*r*r);
    printf("\"Area of circle is %f having the radius %d\"",a,r);
    return 0;
}
```

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

```
#include<stdio.h>
int main()
{
    char s[] = "ineuron MySirG";
    int i=0;
    for(i=0;s[i]!='\0';++i);
    printf("Length of string = %d",i);
    return 0;
}
```

6. WAP to print the name of the user in double quotes.

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

```
int main()
{
    char name[] = "Upesh Kumar Verma";
    printf("\"Hello , %s\"",name);
    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.

```
#include<stdio.h>
int main()
{
    int DD,MM,YYYY;
    printf("Enter date in DD/MM/YYYY format :");
    scanf("%d/%d/%d",&DD,&MM,&YYYY);
    printf("Day - %d , Month - %d , Year - %d",DD,MM,YYYY);
    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.

```
#include<stdio.h>
int main()
{
    int HH,MM;
    printf("Enter time in HH:MM format :");
    scanf("%d:%d",&HH,&MM);
    printf("%d hour and %d Minute",HH,MM);
    return 0;
}
```

12. Find output of below code:

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

Output : ineuron7