

# Assignment 1

Que - Write a program to print Hello Students on the screen.

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

Que -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;
}
```

Que-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;
}
```

Que-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;
    scanf("%d",&radius);
    area= (22/7)*radius*radius;
    printf("Area of circle is %f having radius %d",area,radius)

return 0;
}
```

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

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

int main() {

    int len;

    //initializing the string
    char string[] = "Hello";

    //calculating the length of the string
    len = strlen(string);

    //displaying the values
    printf("Length of string1 is: %d \n", len);

}
```

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

Expected output format – “Hello , Amit Kumar”

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

int main() {

    char string[100];

    scanf("%s",string);
    printf("\"%s \",",string);

    return 0;
}
```

Que – 7 WAP to print “%d” on the screen.

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

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

Que – 8 WAP to print “%n” on the screen.

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

int main() {

printf("\\n");
return 0;
}
```

Que – 9 WAP to print “\\” on the screen.

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

int main() {

printf("\\\\");
return 0;
}
```

Que – 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>
#include<string.h>

int main(){

    int a,b,c;
    printf("DD/MM/YY");
    scanf("%d%d%d",&a,&b,&c);
    printf("\\nDay - %d , month -%d, year- %d\\n",a,b,c);
    return 0;
}
```

Que-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>
#include<string.h>

int main(){

    int a,b;
    printf("HH:MM");
    scanf("%d%d",&a,&b);
    printf("%d hour and %d minute",a,b);
    return 0;
}
```

12. Find output of below code:

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

### Output – ERROR

The reason of this error is because your source code contains non-ascii characters. Perhaps source code is copied from somewhere else, where double quotes are written in unicode character format.

For example, instead of **"Hello"** it has **“Hello”**

Note that second hello is written inside double quotes which is in unicode format, which compiler can't understand.

To resolve error, replace unicode quotes with ascii quotes.