

Assignment – 1

A Job Ready Boot camp in C++, DSA and IOT MySirG

Input and output in C Language

Submitted By:

Vishal Shaw

bkr.vishalshaw@gmail.com

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("\nMySirG\n");  
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(){  
    float rad, area;  
    printf("Enter radius of circle: ");  
    scanf("%f",&rad);  
    area = 3.14 * rad *rad;  
    printf("Area of circle is %.2f having the radius %.2f",area, rad);  
    return 0;  
}
```

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

```
#include<stdio.h>  
int main()  
{  
    int x = printf("Hello");  
    printf("\n%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(){
    char fname[10],lname[10] ;
    printf("Enter your first name and last name: ");
    scanf("%s%s", &fname, &lname);
    printf("\nHello , %s %s\n",fname, lname);
    return 0;
}
```

7. WAP to print “%d” on the screen.

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

8. WAP to print “\n” on the screen.

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

9. WAP to print “\\” on the screen.

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

```
int main(){
    printf("\n\\ \b\\");
    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 d,m,y;
    printf("Enter DD/MM/Year: ");
    scanf("%d/%d/%d", &d,&m,&y);
    printf("Day - %d ,Month - %d , Year - %d",d,m,y);
    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 h,m;
    printf("Enter Time Format (HH:MM): ");
    scanf("%d:%d",&h, &m);
    printf("\n%d:%d\" converted to \"%d Hour and %d
Minute\"",h,m,h,m);
    return 0;
}
```

12. Find output of below code:

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

Output: ineuron7