

## Assignment - 1

### I/O in C Language

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

Ans

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

    return 0;
}
```

- ② Write a program to print Hello in first line and student in the second line.

Ans

```
#include <stdio.h>
int main()
{
    printf("Hello\nStudents");

    return 0;
}
```

- ③ Write a program to print "My Sir" on the screen. (" ")



Ans:-

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

Q) WAP to find the Area of Circle. Take radius of Circle from user as input and print the result in below given format.

Ans:-

```
#include <stdio.h>
int main ()
{
    Print f
    float area, radius;

    printf("Enter radius");
    scanf("%f", &radius);

    Area = 3.14 * radius * radius;
    printf("Area of Circle is %f having the radius");

    return 0;
}
```



RCM  
DATE / /  
PAGE

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

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

```
int main()
```

```
{
```

```
    char s[20];
```

```
    int i;
```

```
    printf("Enter a string");
```

```
    gets(s);
```

```
    for(i=0; s[i]!='\0'; i++);
```

```
    printf("length of %d", i);
```

```
    return 0;
```

```
}
```

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

Ans

```
int main()
```

```
{
```

```
    printf("\nGurpreet Singh");
```

```
    return 0;
```

```
}
```



① WAP to Print %d on the screen.

Sol

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

② WAP to Print "\n" on the screen.

Sol

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

③ WAP to Print "111" on the screen.

Sol

```
int main ()
{
    printf ("111n");
    return 0;
}
```

④ WAP to take input in below given format and convert the data as given below :

Sol



Sol:- #include <stdio.h>

int main ()  
{

int dd;  
int mm;  
int yy;

printf("Enter date");  
scanf("%d", &dd);

printf("Enter month");  
scanf("%d", &mm);

printf("Enter year");  
scanf("%d", &yy);

return 0;  
}

(11)

#include <stdio.h>

int main ()

{

int hh;

int mm;

printf("Enter time");  
scanf("%d",&hh);

printf("Enter minutes");



scanf ("%d", &mm);

printf ("In you have entered %d %d", hh, mm);  
printf ("In you have entered %d %d", hh, mm);

return 0;  
}

(12) Find the output of below code:

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

Output - inewson 7