

8/07/2022Assignment-1Input and Output in C language

Ques: ① write a program to print Hello Student on the screen.

Program:-

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

P.T.O. →

Que 2:- Write a program to print Hello in the first line and Students in the second line.

Program:-

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

Que 3:- Write a program to print "MySirG" on the screen. (Remember to print in double quotes)

Program:-

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

Que 4:- WAP to find the area of a circle. Take radius of circle from user as input and print the result

Pg ②

Program:-

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

```
int main()
```

```
{
```

```
    int A, R;
```

```
    printf("Enter radius of a circle");
```

```
    scanf("%d", &R);
```

```
    float A;
```

```
    printf("Enter radius of a circle");
```

```
    scanf("%d", &R);
```

```
    A = 3.14 * R * R;
```

```
    printf("Area of circle is %f having the  
    radius %d", A, R);
```

```
    return 0;
```

```
}
```

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

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

Program:-

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

Output:- " Hello, Amit kumar"

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

Program:-

```
include <stdio.h>
int main()
{
    printf("%d");
    return 0;
}
```

Output:- %d

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

Program:-

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

output:- \n

pg 5

Que 9) WAP to print "\\\\" on the screen.

Program:-
include <stdio.h>
int main()
{
printf("\\\\");
return 0;
}

output \\. .

Que 10):- WAP to take date as an input given format and convert the date format and display result.

Program:-
include <stdio.h>
int main()
{
int D=8, M=7, Y=2020;
printf("\n DD/MM/YYYY = %d/%d/%d", D, M, Y);
printf("\n Day-%d, Month-%d, Year-%d", D, M, Y);
return 0;
}

Output:- "DD/MM/YYYY=8/7/2020"
Day-8, Month-7, Year-2020

Que 11)

WAP to take time as an input in below given format and convert the time format and display

P.T.O. →

Program:- include <stdio.h>

```
int main()
```

```
{
```

```
    int H=4, M=30;
```

```
    printf("%d : %d", H, M);
```

```
    printf("%d hour and %d minutes", H, M);
```

```
    return 0;
```

```
}
```

Output :- 4:30

4 hour and 30 minutes

Ques: (2) Find output of below code:-

```
int main()
```

```
{
```

```
    int x = printf("ineuron");
```

```
    printf("%d", x);
```

```
    return 0;
```

```
}
```

Output :- ineuron7