

## Assignment - 1 (Solutions)

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

**Program -**

```
#include <stdio.h>

int main()
{
    printf("Hello Students");
    return 0;
}
```

**Output -**

Hello Students

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**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\nStudents");
    return 0;
}
```

**Output -**

Hello  
Students

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**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;
}
```

**Output - "MySirG"**

**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.**

**Program -**

```
#include <stdio.h>

int main() {

    double A;
    int R;

    printf("Enter the radius of the circle: ");
    scanf("%d",&R);

    A = (3.14159) * R * R;

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

    return 0;
}
```

**Output -**

Enter the radius of the circle: 6  
Area of circle is 113.097240 having the radius 6

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**6. WAP to print the name of the user in double quotes. Expected output format – “Hello , Amit Kumar”**

**Program -**

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

**Output -**

"Hello , Amit Kumar"

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

**Program-**

```
#include <stdio.h>
int main()
{
    char ch = '%';
    printf("%cd",ch);
    return 0;
}
```

**Output - %d**

### 8. WAP to print “\n” on the screen.

#### Program -

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

#### Output - \n

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### 9. WAP to print “\\” on the screen.

#### Program -

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

#### Output - \\

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### 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)

#### Program -

```
#include <stdio.h>
int main()
{
    int DD , MM , YYYY;

    printf("Enter the date in the give format - \"DD/MM/YYYY\\n");
    scanf("%d/%d/%d",&DD,&MM,&YYYY);

    printf("Day – %d , Month – %d , Year – %d",DD,MM,YYYY);

    return 0;
}
```

#### Output -

```
Enter the date in the give format - "DD/MM/YYYY"
27/11/2022
Day – 27 , Month – 11 , Year – 2022
```

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**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”**

**Program -**

```
#include <stdio.h>
int main()
{
    int HH , MM;

    printf("Enter time in the given format -\"HH:MM\\n");
    scanf("%d:%d",&HH,&MM);

    printf("%d Hour and %d Minute",HH,MM);

    return 0;
}
```

**Output -**

```
Enter time in the given format -"HH:MM"
11:25
11 Hour and 25 Minute
```

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**12. Find output of below code:**

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

**Output -** ineuron7