

Assignment - 1

Question 1

Write a program to print Hello Students on the screen.

```
#include <stdio.h>

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

Question 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\n");
    return 0;
}
```

Question 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;
}
```

Question 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 r, a;
    printf("Enter the radius of a circle: ");
    scanf("%f", &r);
    a = 3.14 * r * r;
    printf("Area of a circle is %f having the radius %f", a, r);
    return 0;
}
```

Question 5

WAP to calculate the length of String using printf function.

```
#include <stdio.h>

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

Question 6

WAP to print the name of the user in double quotes.

Expected output format – "Hello , Amit Kumar"

```
#include <stdio.h>

int main()
{
    printf("\"Hello , Pavan Kumar\"");
    return 0;
}
```

Question 7

WAP to print "%d" on the screen.

```
#include <stdio.h>

int main()
{
    // Method 1:
    printf("%s", "%d");
    // Method 2:
    printf("%d");
    return 0;
}
```

Question 8

WAP to print "\n" on the screen.

```
#include <stdio.h>

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

Question 9

WAP to print "\\\" on the screen.

```
#include <stdio.h>

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

Question 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 Date: ");
    scanf("%d/%d/%d", &d, &m, &y);
    printf("Date - %d, Month - %d, Year - %d", d, m, y);
    return 0;
}
```

Question 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 in HH:MM format: ");
    scanf("%d:%d", &h, &m);
    printf("%d Hour and %d Minute", h, m);
    return 0;
}
```

Question 12

Find output of below code:

```
#include<stdio.h>
int main()
{
```

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

The Output of the above program is: ineuron7