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Input and output in C Language

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

Ans:-

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

2. Write a program to print Hello int the first line and Students in the second line.

Ans:-

```c
#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 quates)

Ans:-

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

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4. Write a program to find the area of the circle. Take radius of circle from user as input and print the result in below given format.

Ans:-

```c
#include<stdio.h>
int main()
{
    int R;
    float A;
    scanf("%d",&R);
    A=3.14*R*R;
    printf("Area of circle is %f having the radius %d",A,R);
}
```

5. Write a program to calculate the length of String using printf function.

Ans:-

```c
#include<stdio.h>


int main()
{
    int a=printf("Aryan Kanu");
    printf("\n%d",a);
    return 0;
}
```

6. Write a program to print the name of the user in double quotes.

Ans:-

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

7. Write a program to print "%d" on the screen.

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Ans:-

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

8. Write a program to print "\n" on the screen.

Ans:-

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

9. Write a program to print "\\" on the screen.

Ans:-

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

10. Write a program 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"

    Output format –
    "Day – DD , Month – MM , Year – YYYY")

Ans:-

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```c
#include<stdio.h>
int main()
{
    int DD,MM,YYYY;
    printf("DD/MM/YYYY\n");
    scanf("%d%d%d",&DD,&MM,&YYYY);
    printf("Day - %d, Month - %d, Year - %d",DD,MM,YYYY);
    return 0;
}
```

11. Write a program 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")

   Ans:-

```c
    #include<stdio.h>
int main()
{
    int HH,MM;
    printf("HH:MM\n");
    scanf("%d%d",&HH,&MM);
    printf("%d Hour and %d Minute",HH,MM);
    return 0;
}
```

12. Find output of below code:

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

Ans:-   ineuron7

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