

Input and output in C Language

Q1. Write a Program to Print Hello students on the screen.

: Program \Rightarrow

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

Q2. Write a Program to Print Hello in the first line and Students in the second line.

: Program \Rightarrow

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

output

Hello
Students

Q3. Write a Program to Print "MYSi86" on the screen. (Remember to - Print in double quotes).

Program: \Rightarrow

```
#include <stdio.h>
int main ()
{
    printf ("\" MYSi86 \");
    return 0;
}
```

output

"MYSi86"

Q.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.

Program \Rightarrow

```
#include <stdio.h>
int main ()
{
    float A, R;
    printf ("Please Enter The Radius\n");
    scanf ("%f", &R);
    A = 3.14 * R * R;
    printf ("Area of the circle is %.1f having the Radius %.1f", A, R);
    return 0;
}
```

Output

Please Enter the Radius

2.1

Area of the Circle is 13.847399 having the Radius 2.100000

Q.5. WAP to calculate the length of String using printf function.

Program \Rightarrow

```
#include <stdio.h>
int main ()
{
    int x = printf ("JAVED AKHTAR");
    printf ("%d", x);
    return 0;
}
```

Output

JAVED AKHTAR12

Q6. 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"

Q7. WAP to Print ".d" on the screen

Program →

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

Output

".d"

Q8. WAP to Print "\n" on the screen

Program →

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

Output

"\n"

9. WAP to print "11" on the screen.

Program →

```
#include <stdio.h>
int main ()
{
    printf("11111");
    return 0;
}
```

Output

"11"

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-11, Year-2022)

Program →

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

Output

Please Enter DAY/MONTH/YEAR
27/11/2022

DAY-27, Month-11, Year-2022

Q11 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 "11Hours and 25minute."

Program ⇒

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

Output

Please Enter "HH:MM"

11:25

11 Hour and 25 minute

Q12 find output of below code

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

Output

ineuron7