

1. Write a C program to print your name, date of birth, and ID.

Expected Output:

Name : Alexandra Abramov
DOB : July 14, 1975
ID : 000-000-000

2. Write a C program to print a block E using the hash (#), where the E has a height of seven characters and a width of six and five characters. And also print a very large 'C'.

Expected Output:

```
#####  
#  
#  
#####  
#  
#  
#####
```

```
#####  
##  ##  
#  
#  
#  
#  
#  
##  ##  
#####
```

3. Write a C program to print the following characters in reverse.

Test Characters: 'X', 'M', 'L'

Expected Output:

The reverse of XML is LMX

4. Write a C program to compute the perimeter and area of a rectangle with a height of 7 inches and a width of 5 inches.

Expected Output:

Perimeter of the rectangle = 24 inches

Area of the rectangle = 35 square inches

5. Write a C program to compute the perimeter and area of a circle with a given radius.

Sample Input:

Enter a radius:

6

Expected Output:

Perimeter of the Circle = 37.680000 inches

Area of the Circle = 113.040001 square inches

6. Write a C program to convert specified days into years, weeks and days.

Note: Ignore leap year.

Sample Input:

Number of days: 1329

Expected Output :

Years: 3

Weeks: 33

Days: 3

7. Write a C program that accepts two items' weight and number of purchases (floating point values) and calculates their average value.

Sample Input:

Weight - Item1: 15

No. of item1: 5

Weight - Item2: 25

No. of item2: 4

Expected Output:

Average Value = 19.444444