

CCA-104: Web Technologies

Assignment

Part 2

Q3. Write a Program to display count, from 5 to 15 using PHP loop as given below.

Ans.

Write a Program to display count, from 5 to 15 using PHP loop as given below.

Rules & Hint

- You can use "for" or "while" loop
- You can use variable to initialize count
- You can use html tag for line break

View Solution/Program

```
<?php
$count = 5;
while($count <= 15)
{
    echo $count;
    echo "<br>" ;

    $count++;
}
?>
```

PHP

Copy

5
6
7
8
9
10
11
12
13
14
15

Write a factorial program using for loop in php

Description:

Write a program to calculate factorial of a number using for loop in php.

```
<?php
$num = 3;
$factorial = 1;

for ($x=$num; $x>=1; $x--)
{
    $factorial = $factorial * $x;
}

echo "The factorial of $num is $factorial";
?>
```

PHP

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The factorial of 3 is 6

Write a program to create Chess board in PHP

using for loop

Description:

Write a PHP program using nested for loop that creates a chess board.

Conditions:

- You can use html table having width="400px" and take "30px" as cell height and width for check boxes.

View Solution/Program

```
<table width="400px" cellspacing="0px" cellpadding="0px" border="1px">
<?php
for($row=1;$row<=8;$row++)
{
    echo "<tr>";
    for($column=1;$column<=8;$column++)
    {
        $total=$row+$column;
        if($total%2==0)
        {
            echo "<td height=35px width=30px
bgcolor=#FFFFFF></td>";
        }
        else
        {
            echo "<td height=35px width=30px
bgcolor=#000000></td>";
        }
    }
}
```

```

        echo "</tr>";
    }
?>
</table>

```

PHP

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Write a Program to create given pattern with * using for loop

Description:

Write a Program to create following pattern using for loops:

```

*
**
***
****
*****
*****
*****
*****
*****

```

Rules

- You can use for or while loop
- You can use multiple (nested) loop to draw above pattern

View Solution/Program using two for loops

```
<?php
for($row=1;$row<=8;$row++)
{
    for ($star=1;$star<=$row;$star++)
    {
        echo "*";
    }
    echo "<br>";
}
?>
```

PHP

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```
*
**
***
****
*****
*****
*****
*****
```

Q4. Write a program in javascript for Unit Conversion from Kilometer (km) to Centimeter (cm). use of message box is necessary

Ans. Program to convert centimeter into meter and kilometer

Last Updated: 07-08-2018

Given length in centimeter, the task is to convert it into meter and kilometer.

Examples :

Input: Length in centimeter = 1000

Output:

Length in meter = 10 m

Length in kilometer = 0.01 km

Input: Length in centimeter = 6540

Output:

Length in meter = 65.4 m

Length in kilometer = 0.0654 km

Formula to be used:

1m = 100cm

1km = 100000cm

C++

filter_none

edit

play_arrow

brightness_4

```
// C++ program to convert centimeter
```

```
// into meter and kilometer
```

```
#include <bits/stdc++.h>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    float cm, meter, kilometer;
```

```
    cm = 1000;
```

```
    // Converting centimeter into meter
```

```
    // and kilometer
```

```
    meter = cm / 100.0;
```

```
    kilometer = cm / 100000.0;
```

```
    cout << "Length in meter = " << meter << "m"
```

```
        << "\n";
```

```

        cout << "Length in Kilometer = " << kilometer << "km"
            << "\n";

    return 0;
}

```

Java

filter_none

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```

// Java program to convert
// centimeter into meter
// and kilometer
import java.io.*;

class GFG
{
    public static void main (String[] args)
    {
        double cm, meter, kilometer;

        cm = 1000;

        // Converting centimeter
        // into meter and kilometer
        meter = cm / 100.0;
        kilometer = cm / 100000.0;
    }
}

```

```

        System.out.println("Length in meter = " +
                            meter + "m");

        System.out.println("Length in Kilometer = " +
                            kilometer + "km");
    }
}

// This code is contributed by anuj_67.

```

Python3

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```

# Python3 program to convert

# centimeter into meter

# and kilometer

cm = 1000;

# Converting centimeter

# into meter and kilometer

meter = cm / 100.0;

kilometer = cm / 100000.0;

# Driver Code

print("Length in meter = ",
      meter , "m");

```



```
print("Length in Kilometer = ",  
      kilometer , "km");
```

```
# This code is contributed  
# by mits
```

C#

filter_none

edit

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```
// C# program to convert  
// centimeter into meter  
// and kilometer  
using System;  
  
class GFG  
{  
  
// Driver Code  
static public void Main ()  
{  
    double cm, meter, kilometer;  
    cm = 1000;  
  
    // Converting centimeter  
    // into meter and kilometer  
    meter = cm / 100.0;  
    kilometer = cm / 100000.0;
```

```
        Console.WriteLine("Length in " +  
                            "meter = " +  
                            meter + "m");  
  
        Console.WriteLine("Length in " +  
                            "Kilometer = " +  
                            kilometer + "km");  
    }  
}  
  
// This code is contributed  
// by ajit.
```

PHP

filter_none

edit

play_arrow

brightness_4

```
<?php  
  
// PHP program to convert  
// centimeter into meter  
// and kilometer  
  
$cm; $meter; $kilometer;  
  
$cm = 1000;  
  
// Converting centimeter into
```

```
// meter and kilometer

$meter = $cm / 100.0;

$kilometer = $cm / 100000.0;

echo "Length in meter = " ,

    $meter , "m" , "\n";

echo "Length in Kilometer = " ,

    $kilometer , "km" , "\n";

// This code is contributed by anuj_67.

?>
```

Output:

```
Length in meter = 10 m
Length in kilometer = 0.01 km
```

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