Week-03 Program-01

Write a C Program to calculates the area (floating point number with two decimal places) of a Circle given it’s radius (integer value). The value of Pi is 3.14.

[Marks for Week 3 Programming assignments will not be evaluated finally. This is for users to get familiar with programming in google course builder platform]

Sample Test Cases

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>Area of a circle = 5538.96</td>
</tr>
<tr>
<td>7</td>
<td>Area of a circle = 153.86</td>
</tr>
<tr>
<td>50</td>
<td>Area of a circle = 7850.00</td>
</tr>
</tbody>
</table>

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```c
#include <stdio.h>

#define PI 3.14

void main()
{
    int radius;
    float area;
    /* Enter the radius of a circle */
    scanf("%d", &radius);

    area = PI * radius * radius;
}
```
Lecture 13: Logical Operators and Change in Control Flow
(unit? unit=4&lesson=27)

Lecture 14: Use of Logical Operators in Branching
(unit? unit=4&lesson=28)

Lecture 15: Branching: IF-ELSE Statement
(unit? unit=4&lesson=29)

Quiz: Assignment 3 (assessment? name=102)

Week-03 Program-01 (/noc20_cs06/progassignment? name=105)

Week-03 Program-02 (/noc20_cs06/progassignment? name=106)

Week-03 Program-03 (/noc20_cs06/progassignment? name=107)

Week-03 Program-04 (/noc20_cs06/progassignment? name=108)

Feedback For Week 3 (unit? unit=4&lesson=114)

Week 4

Week 5

Week 6

Week 7

Week 8
Week 9
Week 10
Week 11
Week 12
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