Week-03 Program-03

Write a C program to check whether a given number (integer) is Even or Odd.

[This program does not carry any marks.]

Sample Test Cases

<table>
<thead>
<tr>
<th>Test Case</th>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Case 1</td>
<td>51</td>
<td>51 is odd.</td>
</tr>
<tr>
<td>Test Case 2</td>
<td>116</td>
<td>116 is even.</td>
</tr>
<tr>
<td>Test Case 3</td>
<td>24</td>
<td>24 is even.</td>
</tr>
<tr>
<td>Test Case 4</td>
<td>-25</td>
<td>-25 is odd.</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>

int main()
{
    int number;
    scanf("%d", &number); /*An integer number is taken from the test c;
    /* Write the rest of the program in the box provided below. As the out;
    should exactly match with the output provided in the test cases so use
    following printf statement wherever and whichever is applicable.
    printf("%d is even.", number);
    printf("%d is odd.", number);
```
```c
if (number % 2 == 0)
    printf("%d is even.", number);
else
    printf("%d is odd.", number);
```
<table>
<thead>
<tr>
<th>Week 9</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 10</td>
<td></td>
</tr>
<tr>
<td>Week 11</td>
<td></td>
</tr>
<tr>
<td>Week 12</td>
<td></td>
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</tbody>
</table>

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