Write a C program to check if a given number is zero or positive or negative using if...else statement.

Sample Test Cases

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>The number is 0.</td>
</tr>
<tr>
<td>-0.9</td>
<td>Negative number.</td>
</tr>
<tr>
<td>14.05</td>
<td>Positive number.</td>
</tr>
<tr>
<td>0.45</td>
<td>Positive number.</td>
</tr>
<tr>
<td>-50</td>
<td>Negative number.</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)

```
#include <stdio.h>

int main()
{
    double number;
    scanf("%lf", &number);
    /* The number is entered automatically from the test cases and exec
```
/* Write the rest of the code in the box below
As the output should exactly match with the output mentioned in the
so copy and paste the following printf statements wherever and whic
printf("The number is 0.");
printf("Negative number.");
printf("Positive number.");
Do not use any other scanf statements */

if (number <= 0.0)
    {
    if (number == 0.0)
        printf("The number is 0.");
    else
        printf("Negative number.");
    }
else
    printf("Positive number.");