Weekly Programming Assignment 2

Write a program that reads in a number and prints out the letter T using ‘*’ characters with each line in the T having width n. Further, the length of the horizontal bar should be 3n, and that of the vertical bar 2n. Thus for n=3 your program should print

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```

Sample Test Cases

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
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<td>2</td>
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|       |  *    *   
|       |   *   *   
|       |  *    *   
|       |  *    *   
|       |  *    *   

Test Case 1

Due on 2020-02-12, 23:59 IST
The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```cpp
#include <iostream>
#define repeat(x) for(int _iterator_i = 0, _iterator_limit = x; _iterator_i < _iterator_limit; _iterator_i++)
#define main_program int main()
#include <cmath>
using namespace std;

main_program
{
    int n;
    cin >> n;
    // print the horizontal bar
    repeat (n)
    {
        repeat (3 * n)
        {
            cout << '*';
        }
        cout << endl;
    }
    // print the vertical bar
    repeat (2 * n)
    {
        repeat (n)
        {
            cout << ' '; // print blank
        }
        cout << '*';
        cout << endl;
    }
```

Test Case 2

3

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<table>
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<th>Week 4</th>
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<tbody>
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Text Transcripts