Sample Program 7.2

About Nested Loops

Problem statement. Write a code block that uses nested for-loops (and *no if-statements or switch-statements*) to produce this sequence of 4 lines of asterisks (that is, the `char` value `'*'`):

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

Solution.

```cpp
for (int i = 0; i < 4; i++)
{
   int stars = i + 1;
   for (int j = 0; j < stars; j++)
     cout << '*';
   cout << endl;
}
```