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.

```java
for (int i = 0; i < 4; i++)
{
  int stars = i + 1;
  for (int j = 0; j < stars; j++)
    System.out.print('*');
  System.out.println();
}
```