Northern Michigan University (Marquette Co, MI)
CS 202-02-25F: iOS / iPhone Programming

Program 3
Due: Friday 19 September 2025 2:00 P.M. EDT

Create a folder called "PG3" in the top level of your CS202-02-25F folder on PHILOS. Copy both .py files into the PG3 folder. Place a (possibly empty) file or folder called "DONE" into the PG3 folder when you are ready to have your program graded.

Write a Python program to do the following:

Ask the user to input the size of a Christmas Tree. Then print out a Christmas Tree of that size, following the examples below.

n=1

```
 *
* * *
 *
```

n=2

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

n=3

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

Notice that the stem is the same height as the input number, and the branches are twice as high. Be sure your program is commented adequately. Call this program christmastree.py .