In-Class Exercise #2 – Maze Generation
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This in-class exercise is to write a Python program to generate a simple maze, as shown below. In this program, the canvas is divided up into square boxes (BoxSize), and every box is painted with a diagonal line, either from the upper left corner to the lower right corner, or from upper right to lower left. The direction of the line is chosen randomly. No two runnings of the program will generate the same maze.

```python
import random

def MazeGen (Canvas, BoxSize=20):
    return

def Main():
    Canvas = makeEmptyPicture(640,480)
    MazeGen(Canvas)
    repaint(Canvas)
    return
```