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Lab 12b – 1

**Tally Marks Design**

Problem: Make as many tally marks as the user says.

Functions: line()  
 Draws a single line.

diagonal(p)

Draws a diagonal line across four line.

p: the starting position of the first line.

tally()

Draws a full tally (i.e. 4\*line() & 1\*diagonal()).

row()

Draws four tallies.

draw(x)

Counts x numbers using tally marks.

x: the number to count up to.

e.g. draw(53) will have 2\*row(), 2\*tally() & 3\*line()

Notes: I set the starting coordinates to (-350, 230) because that’s where the screen popped up.

This program can count up to 100.

In this program, tally refers to 4 lines and a diagonal line across (i.e. a count of five).

I decided for there to be 4 tallies per row because of the screen that popped up.