﻿def tally\_marker(x): #Function for drawing the tallies

x = 0

y = 350

columns = 0

tallymarks = turtle.Turtle()

tallymarks.shape("turtle")

tallymarks.pencolor('blue')

tallymarks.penup()

tallymarks.right(90)

tallymarks.speed(3)

for i in range(1, number+1):

if(i%5 == 0): #Draws the diagonal line

tallymarks.right(135)

tallymarks.forward(30 \* math.sqrt(2))

tallymarks.right(225)

columns += 1

elif columns == 5: #Starts a new row of tallies

x = 0

y -= 50

columns = 0

tallymarks.penup()

tallymarks.goto(-300, y)

tallymarks.pendown()

tallymarks.forward(30)

else: #Draws the vertical lines

tallymarks.penup()

tallymarks.goto((x-30)\*10, y)

tallymarks.pendown()

tallymarks.forward(30)

x = x + 1