

## **PC04 Pseudocode**

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### **Section 12**

Import Turtle Library (import math.turtle)

Create Turtle Panel (turtle.screen)

Change color of panel (turtle.bgcolor())

#### **Begin Art Drawing**

Define square drawing (draw\_square)

Set range for the number of squares drawn (1-5)

Move turtle forward to begin drawing the square (turtle.forward()) and turtle.right()

Set keyword for code : (code=)

Set color of pen to draw squares (code.color())

Set code speed (code.speed())

Set pen size (code.pensize())

Begin square by setting range for how many squares (for i in range())

Draw square (code.square())

Determine direction of turtle to draw squares (code.right())

End draw art (draw\_art())

Pick up turtle (turtle.up)

Move turtle to top right corner (turtle.goto())

Put down turtle (turtle.down)

Repeat highlighted code

Change size of square and decrease size/number of squares

Change pen color to make square a different color

Pick up turtle (turtle.up)

Move turtle to top left corner (turtle.goto())

Put down turtle (turtle.down)

Repeat highlighted code

Change size of square and decrease size/number of squares

Change pen color to make square a different color

Pick up turtle (turtle.up)

Move turtle to bottom right corner (turtle.goto())

Put down turtle (turtle.down)

Repeat highlighted code

Change size of square and decrease size/number of squares

Change pen color to make square a different color

Pick up turtle (turtle.up)

Move turtle to bottom left corner (turtle.goto())

Put down turtle (turtle.down)

Repeat highlighted code

Change size of square and decrease size/number of squares

Change pen color to make square a different color