```processing
//5-line pattern with variable
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int y;
int strokeThickness;
int strokeThicknessIncrement = 1;
int incrementHeight;
int lineCount = 10;



void setup(){
  size(300,300);
  background(255);
  noFill();
  rectMode(CENTER);

  incrementHeight = int(height/(lineCount + 1));

  for(int i=0, y=incrementHeight, strokeThickness=1; i<lineCount;i++){
    //draw the line
      strokeWeight(strokeThickness);
      //downwards segment
      line(width/3,y, 0, (y - (incrementHeight/2)));
      //upwards segment
      line(2*width/3,y, width, (y - (incrementHeight/2)));
      //middle segment
      line(width/3,y, 2*width/3,y);

    //update the line parameters
      strokeThickness = strokeThickness + strokeThicknessIncrement;
      y = y + incrementHeight;
  }

  String imgPath = ("../../generatedImagesEX2/" + frame.getTitle() + ".png");
  saveFrame(imgPath);
}
```