Runigram.read

Runigram.print

```
private static void print(Color[][] image) {
    for (int i = 0; i < image.length; i++) {
        for (int j = 0; j < image[i].length; j++) {
            print(image[i][j]);
        }
        System.out.println ();
    }
}</pre>
```

Runigram.flippedHorizontally

```
public static Color[][] flippedHorizontally(Color[][] image) {
    Color[][] flipped = new Color[image.length][image[0].length];
    for (int i = 0; i < image.length; i++) {
        for (int j = 0; j < image[i].length; j++) {
            flipped[i][j] = image[i][image[i].length - j - 1];
        }
    }
    return flipped;
}</pre>
```

Runigram, flipped Vertically

```
public static Color[][] flippedVertically(Color[][] image){
    Color[][] flipped = new Color[image.length][image[0].length];
    for (int i = 0; i < image.length; i++) {
        for (int j = 0; j < image[i].length; j++) {
            flipped[i][j] = image[image.length - 1 - i][j];
        }
    }
    return flipped;
}</pre>
```

Runigram.luminance

Runigram.grayScalled

```
public static Color[][] grayScaled(Color[][] image) {
    Color[][] gScale = new Color[image.length][image[0].length];
    for (int i = 0; i < image.length; i++) {
        for (int j = 0; j < image[i].length; j++) {
            gScale[i][j] = luminance(image[i][j]);
        }
    }
    return gScale;
}</pre>
```

Runigram.scalled

Runigram.blend

```
public static Color blend(Color c1, Color c2, double alpha) {
    double red = alpha*c1.getRed() + (1-alpha)*c2.getRed();
    double green = alpha*c1.getGreen() + (1-alpha)*c2.getGreen();
    double blue = alpha*c1.getBlue() + (1-alpha)*c2.getBlue();
    Color blended = new Color((int) red, (int) green, (int) blue);
    return blended;
}
```

Runigram.blend

Runigram.morph

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