

```
pixel.getX()
pixel.getY()
pixel.getRed()
pixel.getGreen()
pixel.getBlue()
pixel.setRGB(red, green, blue)
pixel.isSimilarTo(red, green, blue, threshold)
```

```
image = new SimpleImage("image.png")
image.countNeighbors(pixel)
image.getHeight()
image.getWidth()
image.getPixel(row, column)
```

```
for (pixel : image) {
    // your code here
}
```

```
for (neighbor : image.getNeighbors(pixel)) {
    // your code here
}
```

```
if (condition) {
    // your code here
} else {
    // your code here
}
```

```
&& => and
|| => or
! => not
!= => is not equal
== => is equal
```

```
1TB = 1000GB
1GB = 1000MB
1MB = 1000KB
1KB = 1000 bytes
```

Bit: 0 is "off", 1 is "on"