The code below will generate the image at the right.

```
size(100, 100);
colorMode(RGB, 100);
color red = color(100,0,0);
color green = color(0,100,0);
color blue = color(0,0,100);

for (int y = 0; y < height; y++) {
  for(int x = 0; x < width; x++) {
    if (x < width/2 ) {
      stroke(red);
    } else  {
      stroke(green);
    }
    point(x,y);
  }
}
```

How do you modify the if-else statement so that you get the following images:

Note, the second line of images makes use of the mod (%) function!