



```
flipHorizontal() {
    var imgWidth = img.width;
    var imgHeight = img.height;
    var imgData = this.context.getImageData(0, 0, imgWidth, imgHeight);

    for (let i = 0; i < imgData.height; i++) {
        for (let j = 0; j < imgData.width / 2; j++) {
            var index = ((i * imgData.width) + j) * 4;
            var mirrorIndex = (((i + 1) * imgData.width) - (j + 1)) * 4;
            for (let k = 0; k < 4; k++) {
                var temp = imgData.data[index + k];
                imgData.data[index + k] = imgData.data[mirrorIndex + k];
                imgData.data[mirrorIndex + k] = temp;
            }
        }
    }

    this.context.putImageData(imgData, 0, 0, 0, 0, imgData.width, imgData.height);
}
}
```