## **Computer Vision HW1 Report**

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## Part1

а



b

```
void rightside_left()
{
    for (int i = 0; i < n; i++)
    {
        for (int j = 0; j < center_j; j++)
        {
            swap(img.at<uchar>(i, j), img.at<uchar>(i, m - j - 1));
        }
        cout << endl;
    }
}</pre>
```

 $\wp$ 



Q

Q

c

```
void diag_mirrored()
{
    upside_down();
    rightside_left();
}
```



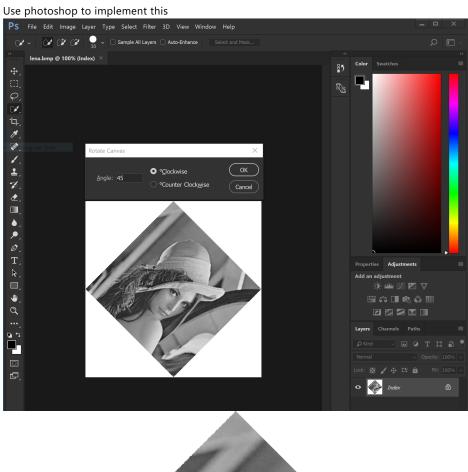
Q

 $\wp$ 

Part2

Q

d

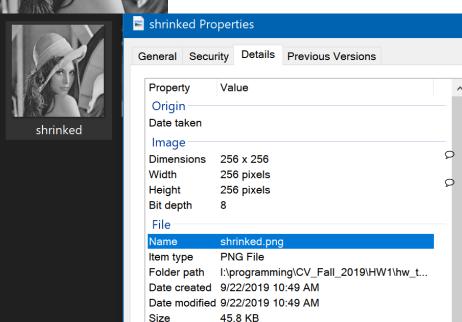




е

We can clearily see that the size of photo has been shirnked into half





f

