**//GreyImage Solution**

**//part a**

public int countWhitePixels()

{

int count = 0;

for(int r = 0; r < pixelValues.length; r++)

{

for(int c = 0; c < pixelValues[0].length; c++)

{

if(pixelValues[r][c] == WHITE)

{

count++;

}

}

}

return count;

}

**//part b**

public void processImage()

{

for(int r = 0; r < pixelValues.length - 2; r++)

{

for(int c = 0; c < pixelValues[0].length - 2; c++)

{

pixelValues[r][c] -= pixelValues[r + 2][c + 2];

if(pixelValues[r][c] < 0)

{

pixelValues[r][c] = BLACK;

}

}

}

}