Image processing miniproject

Horizontal and Vertical Edge Detection

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Project repository

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Algorithm

1. An explanation of their algorithm
2. Their code
3. An explanation of their code
4. A documentation of the program (show input and output) and showing the effect of different parameters on the algorithm, if any shit

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Code

```
1  //X sobel kernel
2  int kernelX[3][3] = {1, 0, -1, 2, 0, -2, 1, 0, -1};
3
4  //Y sobel kernel
5  int kernelY[3][3] = {1, 2, 1, 0, 0, 0, -1, -2, -1};
```

Listing 1: Horizontal and vertical kernels