Computer vision homework 9

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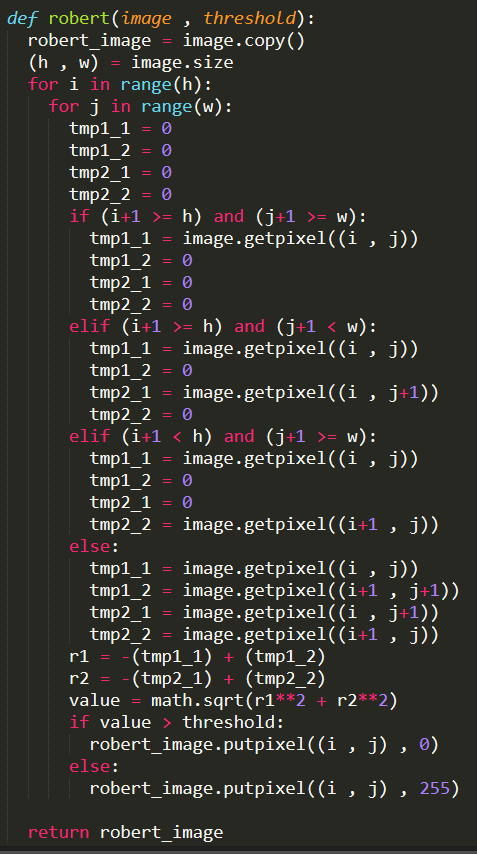


Original Lena image

1. Robert edge detection:



Robert edge detection with threshold = 12

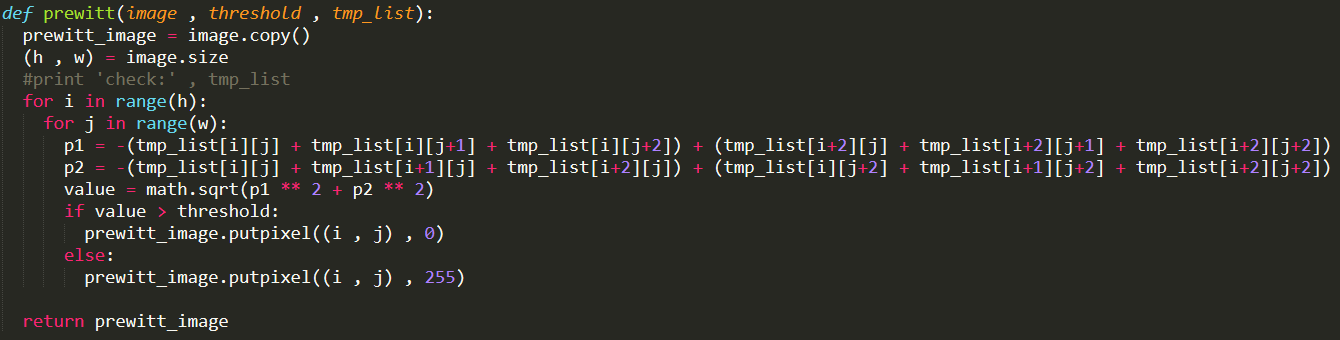


Code of Robert

2. Prewitt edge detection:



Prewitt edge detection with threshold = 24

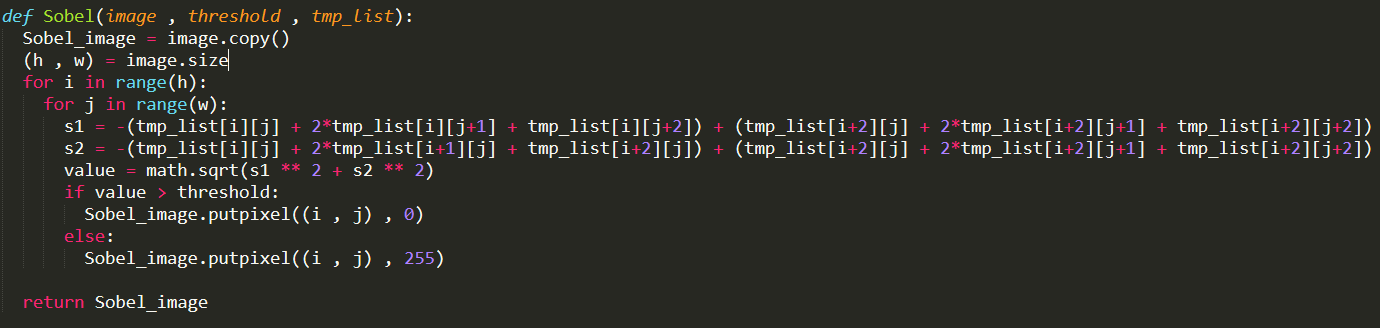


Code of prewitt

3. Sobel edge detection:



Sobel edge detection with threshold = 38

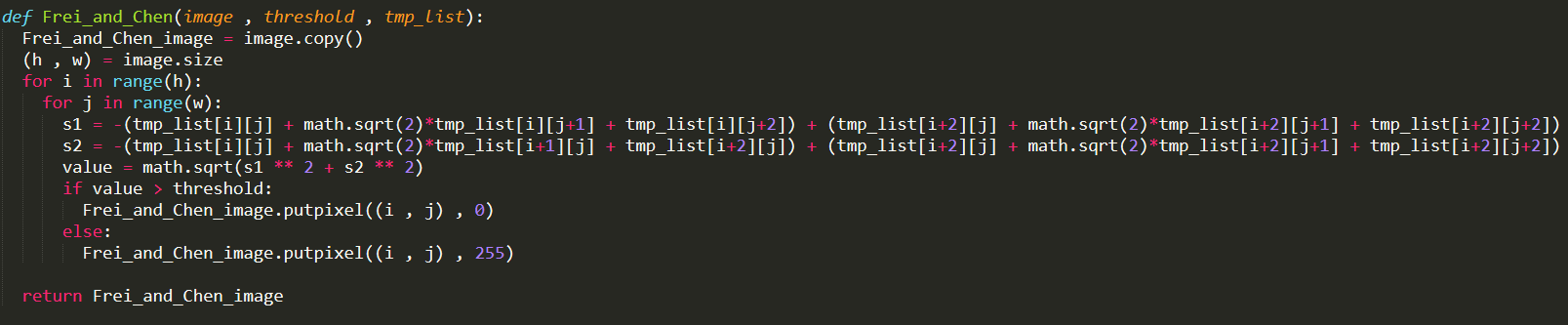


Code of sobel

4. Frei & Chen edge detection:



Frei & Chen edge detection with threshold = 30

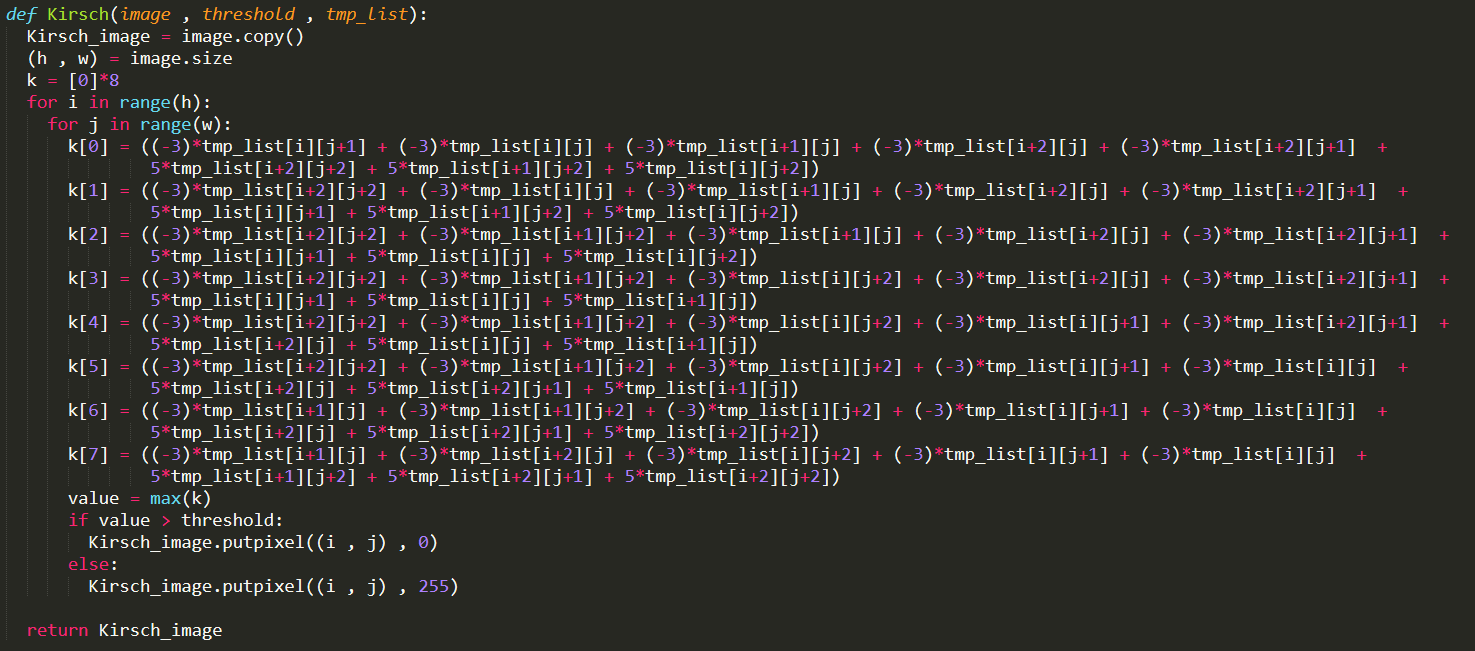


Code of Frei & Chen

5. Kirsch edge detection:



Kirsch edge detection with threshold = 135

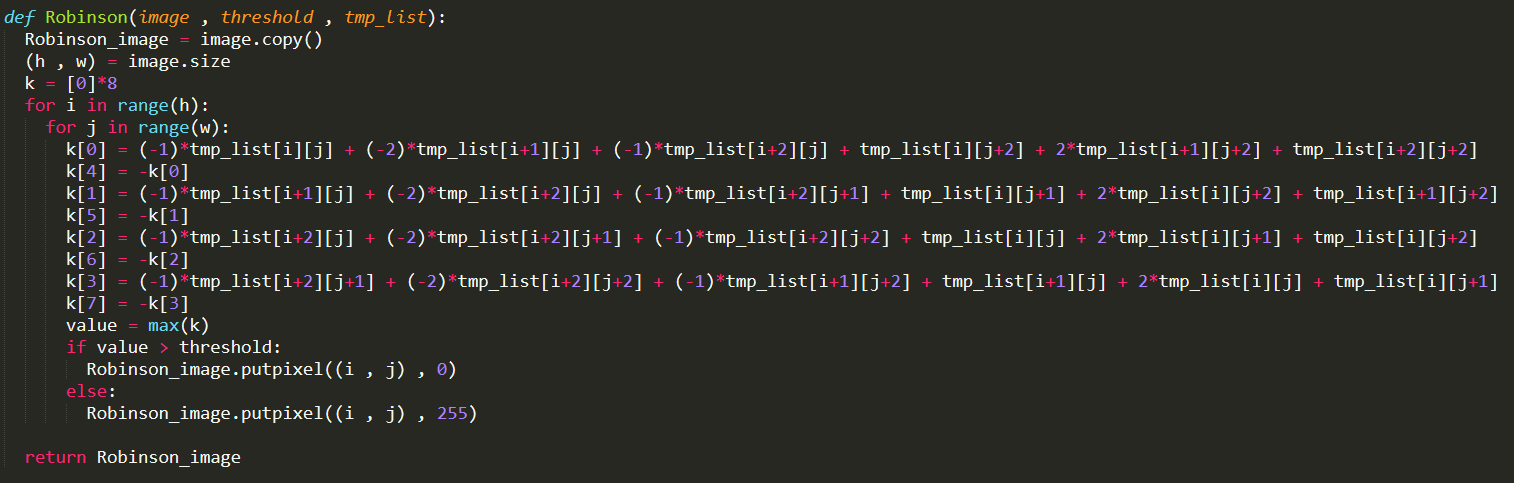


Code of Kirsch

6. Robinson edge detection:



Robinson edge detection with threshold = 43



Code of Robinson

7. Nevatia-Babu's edge detectors:



Nevatia-Babu's edge detection with threshold = 12500



Code of Nevatia-Babu's