**Morphology Write-Up**

Thankfully, this assignment was easy to complete with the explanations presented in the readings. Understanding erosion and dilation was little difficult based just on reading about it. The diagrams and step through of the process made writing equivalent code not an issue. Given that open and close are just orders of erosion and dilation those were also easy to implement. The hit/miss operation was slightly more difficult. My original attempts to perform the operation kept producing weird results. I was worried it was an issue with the application of my structuring elements, but after consulting with Eric and doing more testing, I found that the issue was in my OR code. Once that was fixed, I had the expected results.

**Erode**

A white square with black dots

Description automatically generated with low confidence

**Dilate**

A picture containing screenshot, rectangle, square, design

Description automatically generated

**Open**

A picture containing screenshot, rectangle, square

Description automatically generated

**Close**

A white square in a black background

Description automatically generated with low confidence

**Hit/Miss**

A picture containing black, screenshot, darkness, space

Description automatically generated