**Project 5 Part 1 CannyEdgeDetection Part1**

Name: Zachary Baker Period: 3 Date: 12/09/23

Is your lab name l051?(lowercase L followed by digits 051) Yes

Did you test your code on a school terminal using c++11? Yes

Does your main method call only part1()? Yes

Did you create a gray image? Yes

Did you apply the Sobell operator? Yes

Did you apply a single threshold? Yes

Paste here 3 clear pictures of the initial picture (a real image you picked that is NOT square!!), the grey picture and the picture with the edges, resulting from applying the Sobell operator and a single threshold:

A baby elephant walking in grass

Description automatically generated

A baby elephant walking in grass

Description automatically generated

A black and white image of an elephant

Description automatically generated