Welcome, and thank you for coming to showcase. I apologize for my current absence, as I am competing at the Business Professionals of America National Leadership Conference in Orlando, Florida. However, I hope this video will suffice as a presentation for my showcase project.

This project, called Paint Bucket, is a simple drawing program, somewhat akin to Microsoft Paint. As you can see on the left pane of the poster board, the program was originally written on a Texas Instruments graphing calculator. I had come up with a revolutionary idea to make a program that could be modified dynamically by subroutine programs that I called “plugins”. These are programs written by someone else that Paint Bucket can access and use to add new drawing tools.

What you see before you is a replication of it, created for Windows 7 computers, using Microsoft C# and the XNA framework. Although it lost its original purpose of customization in this version, my main goal in recreating this project was so I could learn how to make such a program on the computer, as building a computer program is heavily various from building a program on a calculator.

Nonetheless, feel free to try out the program, it’s designed to be easy to use, so even those who aren’t so tech-savvy can figure out how the tools work. I hope you enjoy it, and have a wonderful evening as you discover the aptitudes of all the students here at the Career Center!