

Defuse the Bomb

A CSC 102 Project

Team: Team Hexabinary

Github: <https://github.com/seanawesome/Bomb-Project.git>

Team individualization

We maintained the functionality of the button and keypad. We tweaked the toggles to serve as an input for a binary response to three hexadecimal prompts. We also tweaked the wires so that they could be manipulated to match the color combination represented on the GUI.

Future development plans

If we had more time we would have added sound to our game, as well as creating a more sophisticated way of manipulating the wires and how they impact the game.

Lessons learned

We learned how to implement the GUIs we learned about over the course of the semester, as well as how to manipulate the Raspberry Pi computers we were introduced to. We faced some difficulties regarding the engineering of the bomb but we worked through them. We learned how to use a more sophisticated computer system, which could be beneficial as we continue the Computer Science curriculum.