08.04 Post Mortem Review & Analysis

Analysis Questions:

Why isn’t the secret message actually visible in the image?

It is encoded in the image. You only change the red pixel values by one or none, so it wouldn’t show as a different color. In addition, the secret message is in a binary form.

How could you hide a solid white rectangle within an image?

You could get a certain height and certain width of the image and fill that in with an encoded message. You take the values of the white and encode it to make it look ‘blendy’.

What question(s) of your own did you answer while writing this program?

I wondered what each of the for-loops did to encode, I tried to decode that by writing a reverse for-loop.

What unanswered question(s) do you have after writing this program?

I wonder if we can use the internet to find answers. I found myself getting stuck, so I asked a few friends around for help. Can I do that?

Describe the main point of this assignment:

The main point of this assignment was to introduce me to arrays can the power that they have in programming.

Discuss how this assignment relates to a real-life situation:

In real-life, database data will be presented in arrays. You need to sort them, rearrange them, or possibly decode them if needed.

Reflect on your growth as a programmer:

This assignment required a lot of algorithmic thinking, and I definitely improved algorithmically as a programmer.

Describe the biggest problem encountered and how it was fixed:

The biggest problem was trying to convert form binary to ascii. So I asked a few friends, they sent some advice and I listened and fixed the problem.

Describe at least one thing that will be done differently in the future:

In the future, I will continue to write with algorithm thinking always on. It is crucial for a course like this.

Suggest how this assignment can be extended:

I feel that the assignment was difficult enough that it should not be extended.