Kohl Johnson

06-30-2024

Activity 4

# Screenshot

A screenshot of a computer

Description automatically generated

## Theory of Operation

The code starts with prompting the user to input a number. From there, it converts the input to binary and hexadecimal values. After that, I attempted to shift the bits by 10 to the left, mask the lower 10 bits to zero, and then logically OR the result to the value of 0x3FF (1023). However, it does not work correctly as shown in the screenshot examples from the command line. Will figure it out this week and be ready for the next assignments.