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CST-321

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Activity 4

# Screenshot

A screenshot of a computer

Description automatically generated

## Theory of Operation

The code works by first prompting the user to input an integer between 1 and 1000. From there, it converts said integer into binary and hexadecimal before printing the result back to the user. Then, we attempt to shift 10 bits to the left, mask the lower 10 bits, and then logically OR the result to the value of 0x3FF (1023). But, as you can see, it does not work correctly. Will look into the problem more this week.