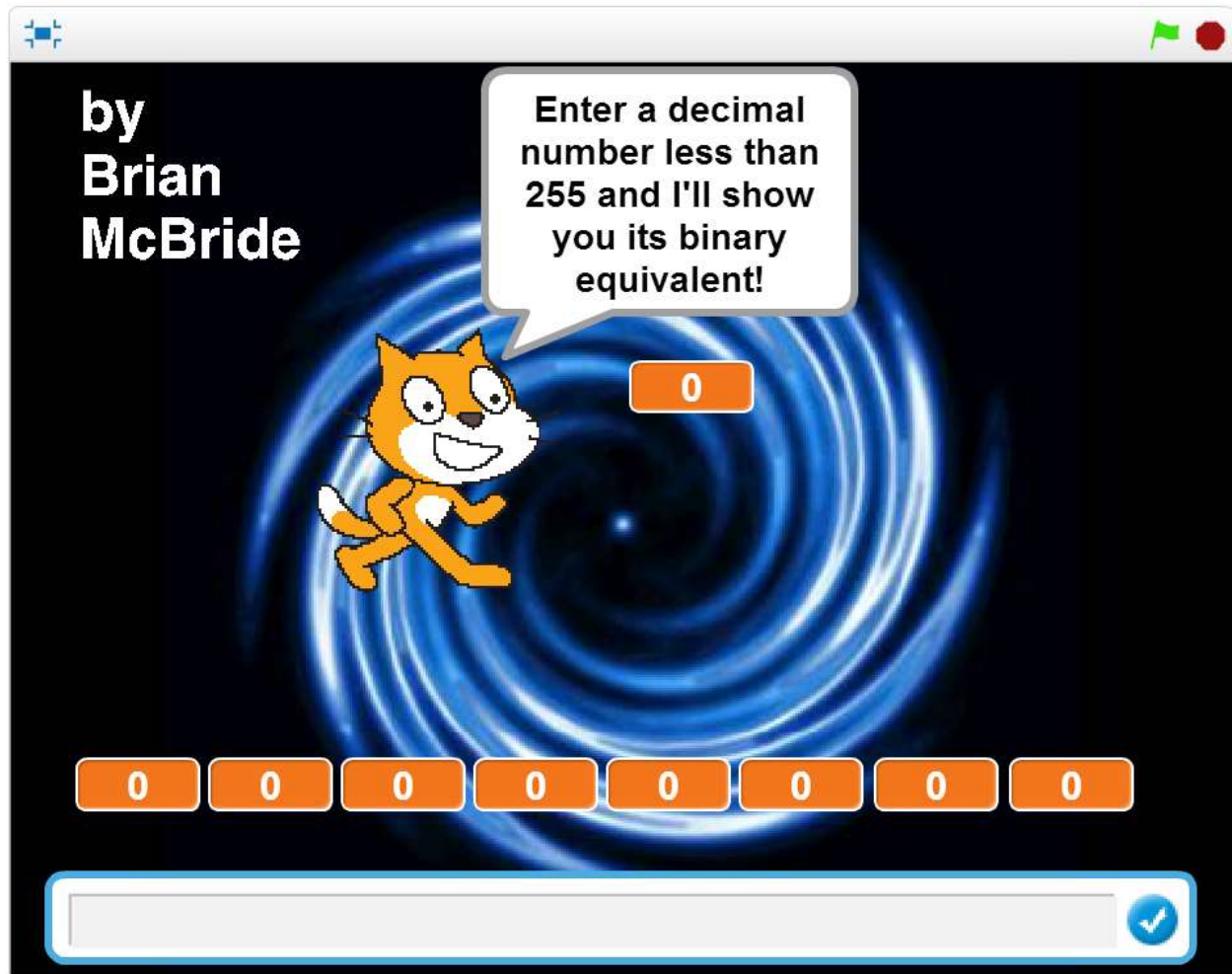


Convert Decimal Values to Binary Equivalents

Instructions

Implement a decimal to binary encoding algorithm, like the one presented in lecture, using the Scratch programming language. The program should prompt the user to enter a decimal number less than 256 and display the binary equivalent pattern as shown in the screen shot below. The stage should also include a sprite displaying your name.



The program should loop continuously until the user clicks the stop sign. When completed, make sure you are logged in to the Scratch server and save your solution. Make sure that you have clicked the Share option to make your program public. Then copy the URL for your uploaded solution, go to HW6 on Blackboard, click the Write Submission button, paste as a link, and click submit. Test the URL to make sure that it indeed links to your solution program.