**DecimalToBinary --- Computer Science -- Haas**

Write a JavaScript program which converts a base 10 (decimal) number into a base 2 (binary) number.

Check out this video to help you get started: <https://youtu.be/7gSd5GI0aog>

Here is an example:

Computer> Please enter a base decimal number.

User> 22

Computer> The decimal number 22 is equal to the binary number 10110.

**Below is an example of how to do the conversion:**

To convert decimal 49 to binary, divide repeatedly by 2, until the quotient becomes 1.

49/2 = 24 remainder = 1   
24/2 = 12 remainder = 0   
12/2 = 6 remainder = 0   
6/2 = 3 remainder = 0   
3/2 = 1 remainder = 1   
1/2 = 0 remainder = 1   
Now read the remainders from bottom to top: the binary equivalent is 110001

**Check out the second example below!**

