

Program 4

Your task for this assignment is to write a program to determine if a number is a Mersenne Prime. A textbox will be required for entry of an exponent. A number in the form $2^n - 1$ is considered a Mersenne Prime if it is divisible only by one and itself. Output the results of the program to a picture box. At least one select case state is required in the program. Additionally, a do while loop is required. Calculations should be accomplished similar to a manner discussed in class.

Due date for this program is October 18, 2001. Late programs will not be accepted without a doctor's statement or without prior arrangement with the instructor.