For the following problems, some for homework #2 and some from homework #3, need to take the algorithm and convert it to a Visual Basic program. Remember to following guidelines given for turning in actual program assignments. All programs need to have Option Strict On, with output pasted below source code and comment section at top with name. Each problem will need its own program to turn in. Do not turn in the algorithm for these, you already did.

1) A child’s parents promise to give the child $10 on her twelfth birthday and double the gift on every subsequent birthday until the gift exceeds $1000. Write a console application program to determine how old the girl will be when the last amount is given and what is that exact amount, and the total amount she would have received including the last gift, through all those years. Use the “Format” functions to make sure output is displayed properly.

2) Solve a problem that has the user continually entering integers, one at a time, and these integers need to be in the range of 0 to 10, and calculates their sum until the sum is over 35. When done the sum and last numbered entered should be displayed. Need to also make sure do the following:
   - Need to first verify that entered integer is a numeric string, if not, display error message telling this then have user reenter another number.
   - If it is a numeric then need to convert to integer and then make sure between 0 and 10, if not then display error message and have user reenter correct number. Form also need a reset button to clear all text properties to empty and put focus to input text box.

3) A problem that has a user enter positive numbers and keeps record of how many even numbers are entered. When user enters 0 problem stops and then displays the number of even numbers entered. For example, if user enters 3, 56, 4, 13, 779, 46 and 0, then problem would display something like “User entered 3 even numbers”. Also do the following:
   - Need to first verify that entered integer is a numeric string, if not, display error message telling this then have user reenter another number.