For Ashlyn Cooper

CPSC 1011-100 and CPSC 1010-002  
Lab07–Part2  
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Collaboration Statement: Erin Litzler, CPSC 1010-002

Declare character string for user Input

Declare int array for binary number

Prompt user to enter positive integer value

Read in user input to user input

While user input does not equal EOF

Declare user input string an integer

Declare user input string as a floating point

Declare Boolean variable valid input

Set I = user input

If user input not a positive integer ( not greater than or equal to 0 and not equal to user input as an integer)

Set valid input equal to false

Print “sorry that was not a positive whole number”

Else

Set valid input equal to true

If valid input is true

Array index = 0

While division answer does not equal 0

Division answer % 2 = remainder

Division answer = division answer / 2

Binary Number at index I = remainder

Array index += 1

Else

Prompt user for input

For I = array index; I greater than or equal to zero; i incremented down

Print the value of the binary number array at index i

Prompt user for positive integer value or quit command

Read in user input