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\* Unit 3 Activity 6 Program/Question 2

\* Asks the user for a three-digit positive integer and then finds and prints the sum of the digits of the number.

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import javax.swing.JOptionPane;

public class ThreeDigit

{

public static void main(String[] args)

{

//Variable Declaration and Initialization

String n = JOptionPane.showInputDialog(null,"Welcome to the Three Digit Sum Calculator. \nEnter a three digit number:", "Input", JOptionPane.QUESTION\_MESSAGE);

int sum = 0, a = 0, b = 0, c = 0, ab = 0;

c = Integer.parseInt(n) % 10;

ab = Integer.parseInt(n) / 10;

b = ab % 10;

a = ab / 10;

sum = a + b + c;

System.out.println("The answer is: " + sum);

}//end main

}//end class