```java
//Genesis Grant, CTEC 120 Final PART A
import java.util.*;
public class Main {
    static Scanner input = new Scanner(System.in);

    public static void main(String[] args) {

        //Declaring variables
        int length;
        String userInput;

        //Getting user input
        System.out.println("Please enter a name and I will tell you the length of the
name entered: ");
        userInput = input.nextLine();

        //Calling method and applying it to the string
        length = userInput.length();

        //Printing output statement
        System.out.println("The length of the name " + userInput + " is " + length);




        //Declaring variables for second part
        int num1;
        int num2;
        int sum;

        System.out.println("Please enter two positive numbers and I will return True " +
                "if the sum of the numbers is even and False if the sum is odd.");

        System.out.println("Please enter the first number: ");
        num1 = input.nextInt();

        System.out.println("Please enter the second number: ");
        num2 = input.nextInt();

        //Checking if it greater than zero
        if (num1 < 0|| num2 < 0){
            System.out.println("Please try again. The number(s) are invalid.");
        }
        else if (num1 < 0 && num2 < 0){
            System.out.println("Please try again. The number(s) are invalid.");
        }
```

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        else{

            //Checking if it is even or odd, using modulus (looking for remainder)
            sum = num1 + num2;
            switch (sum % 2){

                case 0:
                    System.out.println("The sum of " + num1 + " and " + num2 + " is " +
sum + " therefore it is TRUE!");
                    break;

                default:
                    System.out.println("The sum of " + num1 + " and " + num2 + " is " +
sum + " therefore it is FALSE!");
                    break;
            }
        }
    }
}
```

ALGORITHM:

First program:

Get userInput, string Name.

Call length and apply it to userInput.

Print output statement including name and length.

Second program:

Get user inputs

Use boolean check to make sure nums are positive.

Use switch to check if sum are even or odd

Print output statement including num, sum and true or false.