```java
package demo;

import java.util.Scanner;

public class Main {

    public static boolean isThisCreditCardValid(String ccNumber) {
        int sum = 0;
        boolean alternate = false;
        for (int i = ccNumber.length() - 1; i >= 0; i--) {
            int n = Integer.parseInt(ccNumber.substring(i, i + 1));
            if (alternate) {
                n *= 2;
                if (n > 9) {
                    n = (n % 10) + 1;
                }
            }
            sum += n;
            alternate = !alternate;
        }
        return (sum % 10 == 0);
    }


    public static void main(String[] args) {

        String mainName = "Robert Bruce"; // this is the string we are
going to compare the input with.

        double totalAmount = 1000.00; // this is the double we are going
to compare the input with.


        Scanner sc = new Scanner(System.in);


        String name =""; // leaving string empty to call it inside the while
loop
        String ccNumber =""; // leaving string empty to call it inside the
while loop
        double amount = 0.0; // leaving double empty at 0.0 to call it inside
the while loop

        while(true) {

            System.out.println("What is the credit card holder full name?");
            name = sc.nextLine(); // this takes input from user

            System.out.println("What is the credit card number?");

            ccNumber = sc.nextLine(); // this takes input from user

            System.out.println("How much should be charged on the credit
card?");

            amount = sc.nextDouble(); // this takes input from user
            sc.nextLine();
```

```java
                if(!name.equals( mainName) || !isThisCreditCardValid(ccNumber) ||
amount > totalAmount) {  // used the ! logical operator to reverse the result
                    System.out.println("You entered an invalid name or a credit card
or an amount. Please try again."); // This asks the user to reenter information

                } else {
                    break;
                }
                }

                System.out.printf("You have successfully processed the payment in the
amount of $%.2f%n", amount); // This prints the amount

            }
        }
```