**JSB Documentation**

**Desk Check:**

**Test data**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **firstNameField** | **lastNameField** | **emailField** | **postcodeField** | **cardNumberField** | **ccvField** | **expiryMonth Field and expiryYear Field**  **Current date (07/2023)** | **OUTPUT** |
|  |  |  |  |  |  |  | **Error in first name** |
| **Jone** |  |  |  |  |  |  | **Error in last name** |
| **Jone** | **Smith** | **JoneSmithgmail.com** |  |  |  |  | **Error in email, does not contain the ‘@’ symbol** |
| **Jone** | **Smith** | **JoneSmith@gmail.com** | **12345** |  |  |  | **Error in post code, contains 5 numbers.** |
| **Jone** | **Smith** | **JoneSmith@gmail.com** | **1234** | **123** |  |  | **Error in card number, card number is not 16 character long.** |
| **Jone** | **Smith** | **JoneSmith@gmail.com** | **1234** | **1231231231231231** | **123a** |  | **Error in CCV, contains a letter.** |
| **Jone** | **Smith** | **JoneSmith@gmail.com** | **1234** | **1231231231231231** | **123** | **05/2022** | **Error in credit card, out of date credit card** |
| **Jone** | **Smith** | **JoneSmith@gmail.com** | **1234** | **1231231231231231** | **123** | **08/2026** | **Correct** |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Statement** | **Logical** | **firstNameField** | **lastNameField** | **emailField** | **postcodeField** | **cardNumberField** | **ccvField** | **expiryMonth Field/expiryYear Field** | **OUTPUT** |
| **INPUT firstNameField, lastNameField, emailField, postcodeField, ccvField, expiryMonth Field/expiryYear Field** |  |  |  |  |  |  |  |  |  |
| **IF (firstNameField.value=="")** | **T** |  |  |  |  |  |  |  | **Error in firstNameField.** |
| **OUTPUT error in firstNameField** |  |  |  |  |  |  |  |  |  |
| **OUTPUT firstNameAlertText.innerHTML="You can not leave this field blank. Please enter your First Name";** |  |  |  |  |  |  |  |  | **Output "You can not leave this field blank. Please enter your First Name" to html page.** |
| **RETURN false** |  |  |  |  |  |  |  |  |  |
| **INPUT firstNameField, lastNameField, emailField, postcodeField, ccvField, expiryMonth Field/expiryYear Field** |  | **Jone** |  |  |  |  |  |  |  |
| **IF (firstNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (lastNameField.value=="")** | **T** |  |  |  |  |  |  |  | **Error in lastNameField.** |
| **OUTPUT error in lastNameField** |  |  |  |  |  |  |  |  |  |
| **OUTPUT lastNameAlertText.innerHTML="You cannot leave the Family field blank. Please enter your family Name";** |  |  |  |  |  |  |  |  | **OUTPUT “You cannot leave the Family field blank. Please enter your family Name" to html page.** |
| **RETURN false** |  |  |  |  |  |  |  |  |  |
| **INPUT firstNameField, lastNameField, emailField, postcodeField, ccvField, expiryMonth Field/expiryYear Field** |  | **Jone** | **Smith** | **JoneSmithgmail.com** |  |  |  |  |  |
| **IF (firstNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (lastNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (emailField.value.length <= 8||!emailField.value.includes('@') || !emailField.value.includes('.'))** | **T** |  |  |  |  |  |  |  | **Error in emailField, email does not contain a ‘@’.** |
| **OUTPUT error in emailField** |  |  |  |  |  |  |  |  |  |
| **OUTPUT emailAlertText.innerHTML="Your email address must contain a '@' and a '.' and also be 8 characters or more long";** |  |  |  |  |  |  |  |  | **OUTPUT "Your email address must contain a '@' and a '.' and also be 8 characters or more long" to html page.** |
| **RETURN false** |  |  |  |  |  |  |  |  |  |
| **INPUT firstNameField, lastNameField, emailField, postcodeField, ccvField, expiryMonth Field/expiryYear Field** |  | **Jone** | **Smith** | **JoneSmith@gmail.com** | **123** |  |  |  |  |
| **IF (firstNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (lastNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (emailField.value.length <= 8||!emailField.value.includes('@') || !emailField.value.includes('.'))** | **F** |  |  |  |  |  |  |  |  |
| **IF (postcodeField.value.length != 4 || isNaN(postcodeField.value))** | **T** |  |  |  |  |  |  |  | **Error in postcodeField, postcode is not the required length.** |
| **OUTPUT error in postcodeField** |  |  |  |  |  |  |  |  |  |
| **OUTPUT postcodeAlertText.innerHTML="Please enter your 4 digit postcode - Must be 4 digits";** |  |  |  |  |  |  |  |  | **OUTPUT "Please enter your 4 digit postcode - Must be 4 digits" to html page** |
| **RETURN false** |  |  |  |  |  |  |  |  |  |
| **INPUT firstNameField, lastNameField, emailField, postcodeField, ccvField, expiryMonth Field/expiryYear Field** |  | **Jone** | **Smith** | **JoneSmith@gmail.com** | **1234** | **123123** |  |  |  |
| **IF (firstNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (lastNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (emailField.value.length <= 8||!emailField.value.includes('@') || !emailField.value.includes('.'))** | **F** |  |  |  |  |  |  |  |  |
| **IF (postcodeField.value.length != 4 || isNaN(postcodeField.value))** | **F** |  |  |  |  |  |  |  |  |
| **IF (cardNumberField.value.length != 16 || isNaN(cardNumberField.value))** | **T** |  |  |  |  |  |  |  | **Error in cardNumberField, card number in not 16 numbers long.** |
| **OUTPUT error in cardNumberField** |  |  |  |  |  |  |  |  |  |
| **OUTPUT creditCardAlertText.innerHTML="The card number must 16 numbers with no letters. Please re-enter";** |  |  |  |  |  |  |  |  | **OUTPUT "The card number must 16 numbers with no letters. Please re-enter" to html page.** |
| **RETURN false** |  |  |  |  |  |  |  |  |  |
| **INPUT firstNameField, lastNameField, emailField, postcodeField, ccvField, expiryMonth Field/expiryYear Field** |  | **Jone** | **Smith** | **JoneSmith@gmail.com** | **1234** | **1231231231231231** | **123a** |  |  |
| **IF (firstNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (lastNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (emailField.value.length <= 8||!emailField.value.includes('@') || !emailField.value.includes('.'))** | **F** |  |  |  |  |  |  |  |  |
| **IF (postcodeField.value.length != 4 || isNaN(postcodeField.value))** | **F** |  |  |  |  |  |  |  |  |
| **IF (cardNumberField.value.length != 16 || isNaN(cardNumberField.value))** | **F** |  |  |  |  |  |  |  |  |
| **IF (ccvField.value.length != 3 || isNaN(ccvField.value))** | **T** |  |  |  |  |  |  |  | **Error in ccvField, ccv contains a letter.** |
| **OUTPUT error in ccvField** |  |  |  |  |  |  |  |  |  |
| **OUTPUT ccvAlertText.innerHTML="Please enter your 3 digit CCV from the back of your card, it must be 3 numbers";** |  |  |  |  |  |  |  |  | **OUTPUT "Please enter your 3 digit CCV from the back of your card, it must be 3 numbers" to html page.** |
| **RETURN false** |  |  |  |  |  |  |  |  |  |
| **INPUT firstNameField, lastNameField, emailField, postcodeField, ccvField, expiryMonth Field/expiryYear Field** |  | **Jone** | **Smith** | **JoneSmith@gmail.com** | **1234** | **1231231231231231** | **123** | **11/2022**  **Current date (7/23)** |  |
| **IF (firstNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (lastNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (emailField.value.length <= 8||!emailField.value.includes('@') || !emailField.value.includes('.'))** | **F** |  |  |  |  |  |  |  |  |
| **IF (postcodeField.value.length != 4 || isNaN(postcodeField.value))** | **F** |  |  |  |  |  |  |  |  |
| **IF (cardNumberField.value.length != 16 || isNaN(cardNumberField.value))** | **F** |  |  |  |  |  |  |  |  |
| **IF (ccvField.value.length != 3 || isNaN(ccvField.value))** | **F** |  |  |  |  |  |  |  |  |
| **IF (expiryYear < year || (expiryYear == year && expiryMonth < month))** | **T** |  |  |  |  |  |  |  | **Error in expiryMonthField and expiryYearField, the date is expired.** |
| **OUTPUT error in expiryMonthField and/or expiryYearField** |  |  |  |  |  |  |  |  |  |
| **OUTPUT expiryDateAlertText.innerHTML="The expiry date entered shows this card is expired, please enter a new expiry date";** |  |  |  |  |  |  |  |  | **OUTPUT "The expiry date entered shows this card is expired, please enter a new expiry date" to html page.** |
| **RETURN false** |  |  |  |  |  |  |  |  |  |
| **INPUT firstNameField, lastNameField, emailField, postcodeField, ccvField, expiryMonth Field/expiryYear Field** |  | **Jone** | **Smith** | **JoneSmith@gmail.com** | **1234** | **1231231231231231** | **123** | **11/2025**  **Current date (7/23)** |  |
| **IF (firstNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (lastNameField.value=="")** | **F** |  |  |  |  |  |  |  |  |
| **IF (emailField.value.length <= 8||!emailField.value.includes('@') || !emailField.value.includes('.'))** | **F** |  |  |  |  |  |  |  |  |
| **IF (postcodeField.value.length != 4 || isNaN(postcodeField.value))** | **F** |  |  |  |  |  |  |  |  |
| **IF (cardNumberField.value.length != 16 || isNaN(cardNumberField.value))** | **F** |  |  |  |  |  |  |  |  |
| **IF (ccvField.value.length != 3 || isNaN(ccvField.value))** | **F** |  |  |  |  |  |  |  |  |
| **IF (expiryYear < year || (expiryYear == year && expiryMonth < month))** | **F** |  |  |  |  |  |  |  |  |
| **OUTPUT correct** |  |  |  |  |  |  |  |  | **Correct** |
| **RETURN true** |  |  |  |  |  |  |  |  |  |

**Valid Data:**  
If all fields are entered correctly:

A screenshot of a computer

Description automatically generated

When the ‘Help’ button is pressed:  
A screenshot of a computer

Description automatically generated

When the ‘Go to Other Websites’ button is pressed:

A screenshot of a computer

Description automatically generated

If you entered ‘1’

A computer screen shot of a black screen

Description automatically generated

**Invalid data:**

If First Name is not entered:  
A blue rectangular object with black lines

Description automatically generated  
If Last Names is not entered:

A blue screen with black lines

Description automatically generated

If the email address does not contain a ‘@’ symbol:

A blue rectangular object with black lines

Description automatically generated

If the postcode is not 4 digits long:  
A blue rectangular object with black lines

Description automatically generated

If the Card Number is not 16 numbers long:

A blue rectangular object with black lines

Description automatically generated

If the CCV is not 3 digits long:

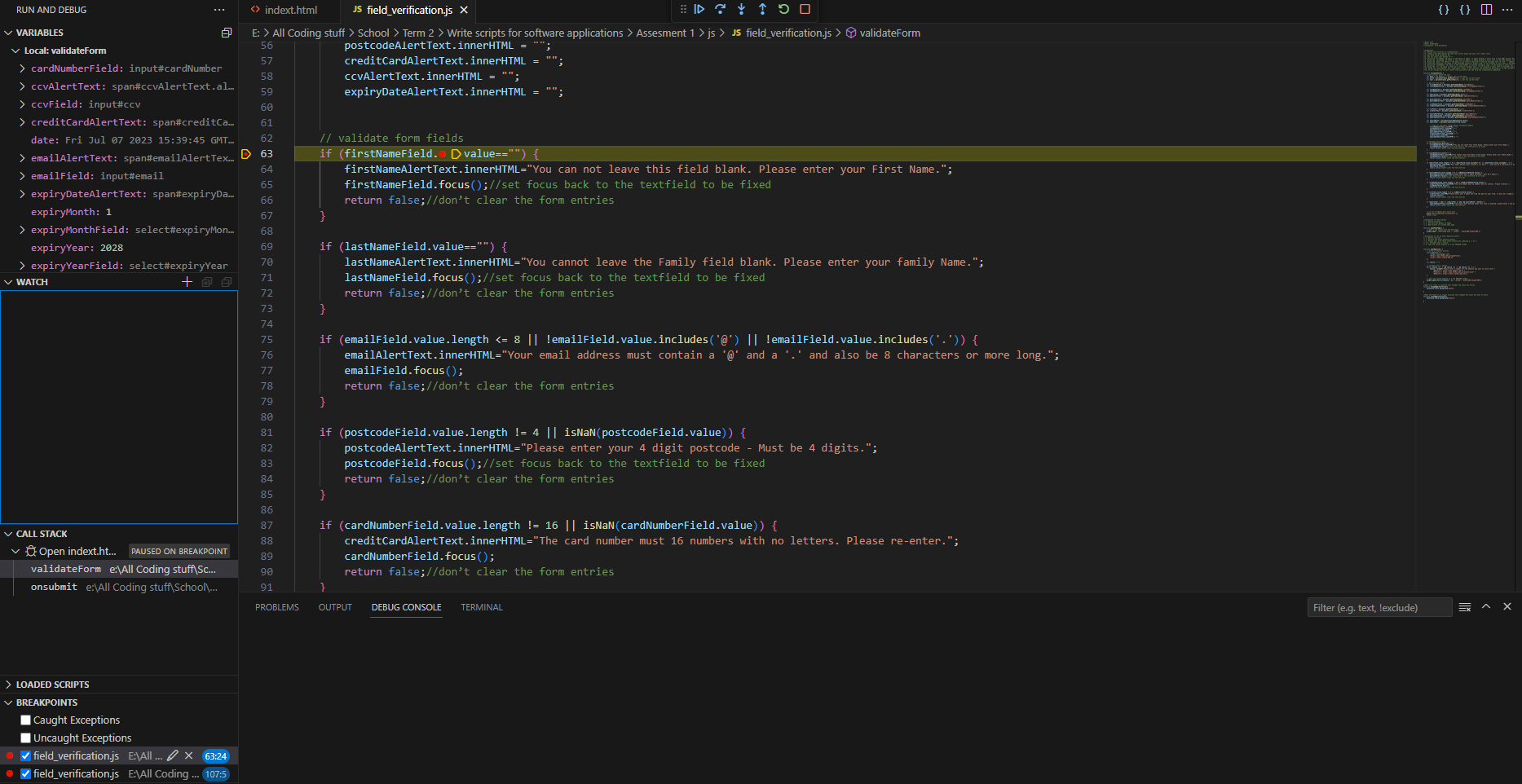
A blue rectangular object with black lines

Description automatically generated  
If the Credit Card is out of date:  
A blue rectangular object with black lines

Description automatically generated

**Debug Screenshots:**

**Screenshots 1:**



**Screenshots 2:** A screenshot of a computer program

Description automatically generated