**Pseudocode**

PROGRAM form

INPUT First Name

INPUT Last Name

INPUT Postcode

INPUT Email

Select Credit card

INPUT Card Number

INPUT CCV

Select Expiry Month

Select Expiry Year

onsubmit = DO checkData()

Click Button = DO Help()

Click Button = DO redir()

END

MODULE checkData()

Object Array inputItems = All Input items in the form page

Tag itemAllOK = 1

Get inputEmailAddress value in Email address Text Box

Define required email address pattern

Email address validation

Define required post code pattern

Post code validation

Define required credit card number pattern

credit card number validation

Define CCV number pattern

CCV number validation

Get current date

If any of the input items are empty

Alert the empty item name

Focus to the empty item

Else if email address length is lessor than 8

Alert email address length must be more than 8

Else If email address doesn’t match the email address pattern

Alert invalid Email address, it must follow the pattern

Else If post code doesn’t match the post code pattern

Alert post code must be 4 digits

Else If credit card number doesn’t match the credit card number pattern

Alert credit card number must be 16 digits

Else If CCV doesn’t match the CCV pattern

Alert CCV must be 3 digits

Else If expiry year is lessor than the current year

Alert Your credit card has expired

Else If expiry year equals to the current year and expiry month is lessor than the current month

Alert Your credit card has expired

Else

Alert Information submitted

END validateForm()

MODULE help()

Open the help page

End

MODULE redir()

Get the choice users made

Open google page if the user entered 1

Open tafesa page if the user entered 2

Open learn page if the user entered 3

End

**Desk check**

Test data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  | **OUTPUT** |
|  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Statement** | **logical** |  |  |  |  | **OUTPUT** |
| INPUT |  |  |  |  |  |  |
| IF | T |  |  |  |  |  |
| OUTPUT error |  |  |  |  |  |  |
| RETURN false |  |  |  |  |  |  |
|  |  |  |  |  |  |  |















