

Pseudo Code

Quiz Component

Inputs via Prompt in Browser Window

Start

Add onclick event to button."#activate"

Output "Start Quiz" message to user

Set firstName to Output of message to User, asking for their first name

Set facts to Array of Objects * 10

Set property Question = "question"

Set property Answer = "answer"

Set property Context = answer + "context"

Set userScore to 0

For (Set i to 0 ; While i < facts.length ; Increment i)

Set ask to Output Question to User

ask to upperCase

If ask = Answer

Output "Correct" message to User via div #quest

Output Context to User via div #quest

Increment userScore

Else

Output "Wrong" message to User via div #quest

Output Context to User via div #quest

End If

End For

If (userScore = facts.length)

Output "gold result" message to User via div id="interface"

Else If (userScore = facts.length - 1)

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    Output "silver result" message to User via div id="interface"
Else If (userScore = facts.length - 2)
    Output "bronze result" message to User via div id="interface"
Else
    Output "generic result" message to User via div id="interface"

End If

Output userScore against facts.length to User via div id="interface"
Output "End Quiz" personalised message to User via div id="interface"
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End