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1  // JavaScript function that wraps everything
2
3
4  $(document).ready(function () {
5      var triviaQuestion = [{
6          question: "What is the largest bone in the human body?",
7          answers: ["Femur", "Lemur", "Radius", "Ulna"],
8          correct: 0,
9          image: "https://giphy.com/embed/IPArCs6qsnN84",
10     },
11
12     {
13         question: "What is the largest two digit prime number?",
14         answers: ["97", "67", "37", "91"],
15         correct: 0,
16         image: ""
17     },
18
19     {
20         question: "Which pop album is the best selling of all time?",
21         answers: ["Sgt. Pepper's Lonely Hearts Club Band", "Thriller", "Jagged Little
22         Pill", "The Chronic"],
23         correct: 1,
24         image: ""
25     },
26     {
27         question: "Which of the following can NOT be said of Will in "Good Will
28         Hunting?",
29         answers: ["He has been in trouble with the law", "He has trouble holding jobs",
30         "He comes from a good family", "He is a Genius"],
31         correct: 2,
32         image: ""
33     },
34     {
35         question: "In "Inception," the spinning top is an example of a/an:",
36         answers: ["Idol", "Hex", "Good Luck Charm", "Totem"],
37         correct: 3,
38         image: ""
39     },
40     {
41         question: "What happens when Aaron gets a shot at anchoring the nightly news on
42         "Broadcast News?",
43         answers: ["He is unable to speak", "The teleprompter breaks", "There is a power
44         outage at the studio", "He has a sweating attack"],
45         correct: 3,
46         image: ""
47     },
48     {
49         question: "What is the most common element on Earth?",
50         answers: ["Hydrogen", "Gold", "Sodium", "Silver"],
51         correct: 0,
52         image: ""
53     },
54     {
55         question: "Which Ocean goes to the deepest depths?",
56         answers: ["Pacific", "Atlantic", "Indian", "Arctic"],
57         correct: 0,
58         image: ""
59     },
60     {
61         question: "How many sides does a heptagon have?",
62         answers: ["5", "3", "7", "9"],
63         correct: 2,
64         image: ""
65     },
66     {
67         question: "What does HTML stand for?",
68         answers: ["Hot Tamales Meal Large", "Hey There My Lady", "Typer Hex Markup
69         Language", "Hyper Text Markup Language"],

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64         correct: 3,
65         image: ""
66     },
67     {
68         question: "Which is the most populous state?",
69         answers: ["New York", "Utah", "Oregon", "California"],
70         correct: 3,
71         image: ""
72     },
73     {
74         question: "Who is trying to seduce Benjamin in The Graduate?",
75         answers: ["Mr. Robinson", "Ms. Robinson", "Mrs. Robinson", "Robinson Crusoe"],
76         correct: 2,
77         image: ""
78     },
79
80     {
81         question: "Entomology is the branch of science that studies what?",
82         answers: ["Plants", "Music", "Animals", "Insects"],
83         correct: 3,
84         image: ""
85     },
86     {
87         question: "What is the square root of 256?",
88         answers: ["36", "16", "14", "17"],
89         correct: 1,
90         image: ""
91     }
92 ]
93
94 //Fisher-Yates Shuffle, shuffles array contents
95 function shuffle(array) {
96     var currentIndex = array.length, temporaryValue, randomIndex;
97
98     // While there remain elements to shuffle...
99     while (0 !== currentIndex) {
100
101         // Pick a remaining element...
102         randomIndex = Math.floor(Math.random() * currentIndex);
103         currentIndex -= 1;
104
105         // And swap it with the current element.
106         temporaryValue = array[currentIndex];
107         array[currentIndex] = array[randomIndex];
108         array[randomIndex] = temporaryValue;
109     }
110
111     return array;
112 }
113
114
115 triviaQuestion = shuffle(triviaQuestion)
116
117
118 //initialize
119 $("#questions").hide()
120 var questionTimer
121 var totalCorrect = 0
122 var totalWrong = 0
123 var timer = 8
124
125
126
127 $("#splashButton").on("click", function () {
128     $("#splash").hide()
129     $("#questions").show()
130     $("#timeRemaining").html(timer)
131
132 })

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133
134 //function countdown - decrements global var timer by 1, displays to html
135 function countdown() {
136     console.log(timer)
137     timer--
138     if (timer < 0) {
139         $("#timeRemaining").html("Time's Up!")
140         clearInterval(questionTimer)
141     }
142     $("#timeRemaining").html(timer)
143 }
144
145 //start timer
146 questionTimer = setInterval(countdown(), 1000)
147
148
149
150
151
152 //function to load questions
153 function loadQuestion(qNum, randQnum) {
154
155     $("#questionNum").html(qNum)
156     $("#actualQuestion").html(triviaQuestion[randQnum].question)
157     $("#firstQuestion").html("A) " + triviaQuestion[randQnum].answers[0])
158     $("#secondQuestion").html("B) " + triviaQuestion[randQnum].answers[1])
159     $("#thirdQuestion").html("C) " + triviaQuestion[randQnum].answers[2])
160     $("#fourthQuestion").html("D) " + triviaQuestion[randQnum].answers[3])
161 }
162
163
164 var randQuestionNum = Math.floor(Math.random() * triviaQuestion.length)
165 var questionTimer
166 var questionNumber = 1
167
168
169 loadQuestion(questionNumber, randQuestionNum)
170
171 $(".answer").on("click", function () {
172
173     if (parseInt($(this).attr("value")) ===
174         triviaQuestion[randQuestionNum].correct) {
175         totalCorrect++
176         alert("Correct: " + totalCorrect)
177     }
178     if (parseInt($(this).attr("value")) !==
179         triviaQuestion[randQuestionNum].correct) {
180         totalWrong++
181         alert("Wrong: " + totalWrong)
182     }
183     if (questionNumber > 9) {
184         $("#questions").hide()
185         return
186     }
187     else {
188         randQuestionNum = Math.floor(Math.random() * triviaQuestion.length)
189         questionNumber++
190         loadQuestion(questionNumber, randQuestionNum)
191     }
192 })
193 });
194
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