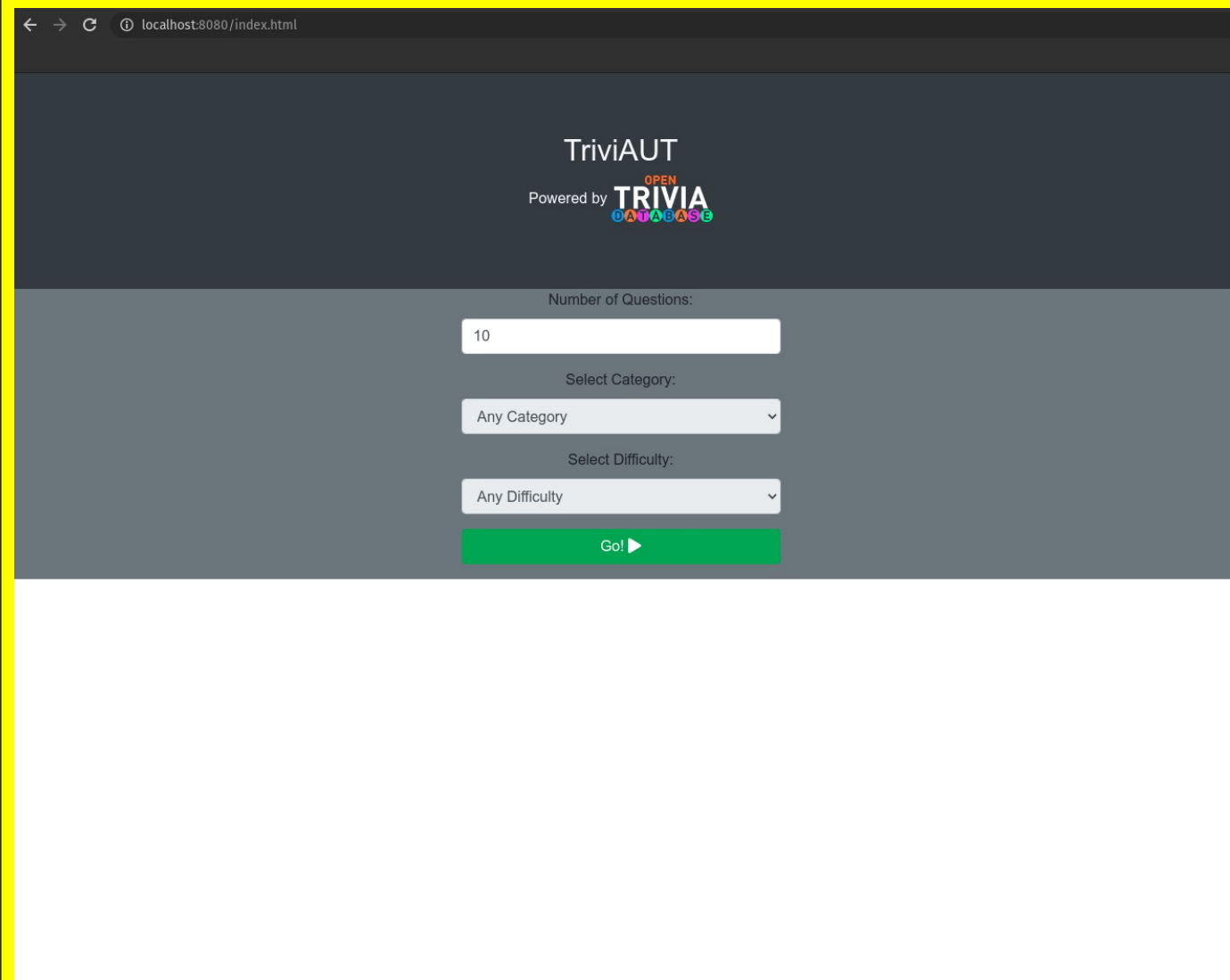


FELADAT 1 (2 PONT)

Másoljon be egy teljes képernyős képernyőképet az opciók kezdeti állapotáról, ahol el van rejtve az indításra szolgáló gomb!



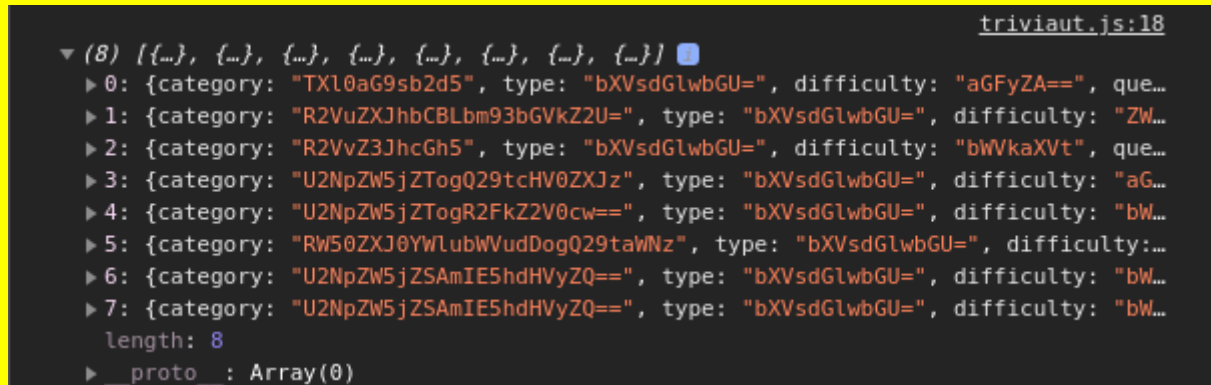
The screenshot shows a web browser window with the address bar displaying 'localhost:8080/index.html'. The page has a dark grey header with the text 'TriviAUT' and 'Powered by TRIVIA DATABASE' (where 'TRIVIA' is in large, colorful letters and 'DATABASE' is in smaller, colorful letters). Below the header, on a lighter grey background, are the following controls:

- 'Number of Questions:' followed by a text input field containing '10'.
- 'Select Category:' followed by a dropdown menu showing 'Any Category'.
- 'Select Difficulty:' followed by a dropdown menu showing 'Any Difficulty'.
- A green 'Go!' button with a right-pointing triangle icon.

The bottom half of the page is a large white rectangular area, which is currently empty.

FELADAT 2 (0.5 PONT)

Készítsen képernyőképet a konzolon látható érkezett válaszokról! Legyen látható, hogy hány válasz érkezett, és ez a szám ne az alapértelmezett 10 legyen!



The screenshot shows a JavaScript console output from a file named `triviaaut.js` at line 18. It displays an array of 8 objects, each representing a trivia question. The objects have properties for `category`, `type`, `difficulty`, and `question`. The array is expanded to show all 8 elements. The `length` property is 8, and the `__proto__` is `Array(0)`.

```
triviaaut.js:18
▼ (8) [{...}, {...}, {...}, {...}, {...}, {...}, {...}, {...}]
  ▶ 0: {category: "TXl0aG9sb2d5", type: "bXVsdGlwbGU=", difficulty: "aGFyZA==", que...
  ▶ 1: {category: "R2VuZXJhbCBLbm93bGVkZ2U=", type: "bXVsdGlwbGU=", difficulty: "ZW...
  ▶ 2: {category: "R2VvZ3JhcGh5", type: "bXVsdGlwbGU=", difficulty: "bWVkaXVt", que...
  ▶ 3: {category: "U2NpZW5jZTogQ29tcHV0ZXJz", type: "bXVsdGlwbGU=", difficulty: "aG...
  ▶ 4: {category: "U2NpZW5jZTogR2FkZ2V0cw==", type: "bXVsdGlwbGU=", difficulty: "bW...
  ▶ 5: {category: "RW50ZXJ0YWlubWVudDogQ29taWNz", type: "bXVsdGlwbGU=", difficulty: "...
  ▶ 6: {category: "U2NpZW5jZSAmIE5hdHVyZQ==", type: "bXVsdGlwbGU=", difficulty: "bW...
  ▶ 7: {category: "U2NpZW5jZSAmIE5hdHVyZQ==", type: "bXVsdGlwbGU=", difficulty: "bW...
    length: 8
  ▶ __proto__: Array(0)
```

FELADAT 3 (0.5 PONT)

Készítse el a maradék két paraméter elküldését is a difficulty és category releváns értékeinek megadásával! Használhatja a `$.serializeArray()` függvényt is!

Az elkészült kódról és az érkező válaszról a konzolon készítsen képernyőképet!

```

1  let remainingQuestions, totalQuestions, currentQuestion, correctAnswerIndex;
2  function getNextQuestion() { }
3
4  $((() => {
5    $("#lets-play-button").on("click", () => {
6      $("#lets-play-section, #start-game-form-section").toggle();
7      $.get("start-game-form-contents.html")
8        .then(html => {
9          $("#start-game-form").html(html)
10         $("#start-game-form select[name='trivia_category']").removeAttr('disabled');
11         $("#start-game-form select[name='trivia_difficulty']").removeAttr('disabled');
12       });
13     });
14   });
15
16   $.get("start-game-form-contents.html").then(html => {
17     $("#start-game-form").html(html).on("submit", e => {
18       e.preventDefault();
19       $("#start-game-form button[type='submit']").attr("disabled", true);
20       $.get("https://opentdb.com/api.php?type=multiple&encode=base64&amount="
21         + $("[name='trivia_amount']").val()
22         + "&difficulty=" + $("[name='trivia_difficulty']").val()
23         + "&category=" + $("[name='trivia_category']").val())
24       ).then(data => {
25         remainingQuestions = data.results;
26         console.log(remainingQuestions);
27         currentQuestion = 0;
28         $("#total-questions").text(remainingQuestions.length);
29         $("#start-game-form button[type='submit']").removeAttr("disabled");
30         getNextQuestion();
31       });
32     });
33   });

```

```

▼ (8) [{...}, {...}, {...}, {...}, {...}, {...}, {...}, {...}]
  0: {category: "R2VuZXJhbCBLbm93bGVkZ2U=", type: "bXVsdGlbGU=", difficulty: "ZWZzeQ==", question: "V2hhdB3YXMGdGhlIG5hbWUgb2YgdGhlfEdXR...
  1: {category: "R2VuZXJhbCBLbm93bGVkZ2U=", type: "bXVsdGlbGU=", difficulty: "ZWZzeQ==", question: "V2hpY2gc2lnbiBvZiB0aGUgem9kaWVfIGl1I...
  2: {category: "R2VuZXJhbCBLbm93bGVkZ2U=", type: "bXVsdGlbGU=", difficulty: "ZWZzeQ==", question: "V2hhdB3b3JkIHJlcHJlc2VudHMgdGh1IGxld...
  3: {category: "R2VuZXJhbCBLbm93bGVkZ2U=", type: "bXVsdGlbGU=", difficulty: "ZWZzeQ==", question: "V2hhdBnZW9tZXRYaWwMgc2hhcGUgaXMgZ2VuZ...
  4: {category: "R2VuZXJhbCBLbm93bGVkZ2U=", type: "bXVsdGlbGU=", difficulty: "ZWZzeQ==", question: "V2hhdBkbyB0aGUgbGV0dGVyYyBvZiB0aGUgZ...
  5: {category: "R2VuZXJhbCBLbm93bGVkZ2U=", type: "bXVsdGlbGU=", difficulty: "ZWZzeQ==", question: "V2hhdB6b2RpYWwMgc2lnbiBpcyByZXByZXNlb...
  6: {category: "R2VuZXJhbCBLbm93bGVkZ2U=", type: "bXVsdGlbGU=", difficulty: "ZWZzeQ==", question: "V2hhdB3pcyB0aGUgbmFtZSBvZiB0QVNB4oCZc...
  7: {category: "R2VuZXJhbCBLbm93bGVkZ2U=", type: "bXVsdGlbGU=", difficulty: "ZWZzeQ==", question: "V2hhdBhcmUgUGFuYW1hIGhhbHMgbWkZSBvd...
  length: 8
  __proto__: Array(0)

```

FELADAT 4 (1 PONT)

Készítsen képernyőképet az implementáció kódjáról!

Készítsen képernyőképet a játéktéren megjelenő kérdésről, válaszlehetőségekről!

```
1  let remainingQuestions, totalQuestions, currentQuestion, correctAnswerIndex;
2  function getNextQuestion() {
3    $("#start-game-form").hide()
4    $("#game-section").toggle();
5    currentQuestion++;
6    const question = remainingQuestions.pop();
7    correctAnswerIndex = Math.floor(Math.random() * 4);
8    const questions = question.incorrect_answers.slice();
9    questions.splice(correctAnswerIndex, 0, question.correct_answer);
10   if (question === undefined) {
11     // TODO: nincs több kérdés!
12     return;
13   }
14   $("#current-question-number").text(currentQuestion);
15   $("#question-category").text(atob(question.category));
16   $("#question-text").text(atob(question.question));
17   $(".answer").removeAttr('disabled')
18   for(let i = 0; i < 4; i++){
19     $('.answer[data-answer-index='${i}']').text(atob(questions[i]));
20   }
21   $(".answer.correct, .answer.incorrect, #next-question").hide();
22 }
```

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Entertainment: Film

What was the wifi password given to Stephen Strange in Doctor Strange?

Peace

Ancient

Chakra

Shambala

FELADAT 5 (1 PONT)

Képernyőképekkel és a releváns kódrészletekkel demonstrálja az alábbi eseteket:

- a játékos helyesen válaszolt a kérdésre,
- a játékos helytelenül válaszolt a kérdésre,
- a válaszadás előtt nem, utána látható a továbblépéshez használt gomb,
- az aktuális kérdés számlálója növekszik,
- megjelenik a felhasználó által elért pontszám!

```
1  let remainingQuestions, totalQuestions, currentQuestion, correctAnswerIndex, numOfCorrectAnswers;
2  function getNextQuestion() {
3      $("#start-game-form").hide()
4      $("#game-section").show();
5      currentQuestion++;
6      const question = remainingQuestions.pop();
7      if (question === undefined) {
8          $("#game-section").hide()
9          alert('Pontszám: ' + numOfCorrectAnswers)
10         $.get("start-game-form-contents.html")
11         .then(html => {
12             $("#start-game-form").html(html)
13             $("#start-game-form").show()
14             $("#start-game-form select[name='trivia_category']").removeAttr('disabled');
15             $("#start-game-form select[name='trivia_difficulty']").removeAttr('disabled');
16         });
17         return;
18     }
19     correctAnswerIndex = Math.floor(Math.random() * 4);
20     const questions = question.incorrect_answers.slice();
21     questions.splice(correctAnswerIndex, 0, question.correct_answer);
22     for(let i = 0; i < 4; i++){
23         $('.answer[data-answer-index='${i}'] .answer-text').text(atob(questions[i])).
24         click(e => {
25             if(i !== correctAnswerIndex){
26                 $('.answer .incorrect, #next-question').show();
27             } else {
28                 numOfCorrectAnswers++;
29                 $('#next-question').show();
30             }
31             $('.answer[data-answer-index='${correctAnswerIndex}'] .correct').show();
32             $(".answer").attr("disabled", true);
33         })
34     }
35     $("#current-question-number").text(currentQuestion);
36     $("#question-category").text(atob(question.category));
37     $("#question-text").text(atob(question.question));
38     $(".answer").removeAttr('disabled')
39     $(".answer .correct, .answer .incorrect, #next-question").hide();
40     $("#next-question").click(e => {
41         getNextQuestion();
42     })
43 };
44
```

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Entertainment: Music

Which of these languages was NOT
included in the 2016 song "Don't Mind"
by Kent Jones?

Japanese

Portuguese ✓

French

Spanish

Next question >

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Entertainment: Musicals & Theatres

The Andrew Lloyd Webber musical
"Cats" is based off a book of poems
written by which author?

T.S. Elliot ✓ ✗

Andrew Lloyd Webber ✗

Emily Dickenson ✗

Robert Frost ✗

Next question >

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Entertainment: Video Games

In "Resident Evil 2", which virus was William Birkin mutated by?

T-Virus

G-Virus

C-Virus

E-Virus

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Entertainment: Video Games

In "Resident Evil 2", which virus was William Birkin mutated by?

T-Virus ✖

G-Virus ✔ ✖

C-Virus ✖

E-Virus ✖

Next question >

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Entertainment: Video Games

How many sets of grandmaster witcher gear are in The Witcher 3's Blood and Wine DLC?

5

3

6

4

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localhost:8080 says

Pontszám:1

OK