



Times up!

Problems

Apiarist-Easy

Apiarist-Medium

Apiarist-Hard

Results

Team Info

Logout

Apiarist (EASY)

Spatial awareness is important as you will eventually find out, but your agents also must be able to interact with the arena control system. This set of problems will ensure that you have the basic fundamentals down for interfacing with the arena server, and the ability to process responses.

You will be provided a few API endpoints, described below. You must interface with those endpoints to successfully answer problems.

A couple rules/guidelines:

- Each request sent to the API with a valid GUID will be considered an attempt.
- You will be allowed a maximum of 100 attempts on the production side, unlimited attempts in dev, and your score will be based on the percentage of correct answers provided.
- A request for a problem set will provide you with a request token that must be supplied with your answer. Think of this as an anti-CSRF token, or in this case an anti-multi-threading token. Multi-threading is a really quick way to fail this problem.
- Once a request token is provided, you must provide an answer to the current problem before getting a new request token and problem set. Requesting a new problem without supplying an answer to the previous problem will be considered a failed attempt.
- The request token is reset each time an answer is supplied.
- Your failure count will increase with invalid request tokens or empty answer requests as well, but these failures will not reset the current valid request token.
- Sample endpoints are provided, you should run your development code against them first.

For this part of the challenge, you will get a set of numbers in a JSON response from an API endpoint, your goal is to identify the number that is not like the others.

Testing/Dev Endpoints:

PROBLEM SET GENERATION REQUEST EXAMPLE:

```
GET /api/problem_2_a0x90bs/easy/question_sample?guid=bfc78a80-2523-0d0b-bd36-94e8ef3c2b1f
```

PROBLEM SET GENERATION RESPONSE(S):

```
[{"error_message":"Failed GUID validation."}]
[{"error_message":"Request limit exhausted for bfc78a80-2523-0d0b-bd36-94e8ef3c2b1f."}]
[{"error_message":"Failure. Token is already set to a0a70b8. You must answer the question to get a new problem."}]
[{"value":"100020"}, {"value":"100379"}, {"value":"94173"}, {"submission_count":3}, {"token":"a0a70b8"}, {"value":"99998"}]
```

ANSWER REQUEST EXAMPLE:

```
GET /api/problem_2_a0x90bs/easy/answer_sample?guid=bfc78a80-2523-0d0b-bd36-94e8ef3c2b1f&token=a0a70b8&answer=99998
```

ANSWER RESPONSE(S):

```
[{"error_message":"Failed GUID validation."}]
[{"error_message":"Invalid token."}]
[{"error_message":"No answer provided."}]
[{"error_message":"Incorrect answer."}]
[{"message":"Correct answer."}]
```

Production Endpoints:

LIMITATIONS: There is a cap of 100 answer requests per guid on the production endpoints. Make your answers count.

PROBLEM SET GENERATION REQUEST:

```
GET /api/problem_2_a0x90bs/easy/question?guid=<guid>
```

ANSWER REQUEST:

```
GET /api/problem_2_a0x90bs/easy/answer?guid=<guid>&token=<token>&answer=<answer>
```

Best Submission: 0.00%

Submit Solution

This problem is API based.

Your GUID is: c16e0ad9-240d-4253-998c-70a2d772144b