

Code Review Challenge

You're the resident reviewer for a bustling dev guild. A teammate submits a code snippet along with several multiple-choice assessments about it. Your task is to read the code carefully and pick the single best answer letter that correctly evaluates the snippet.

Goal: Examine the provided code and the answer options, then return the letter of the correct choice. Your reply must include the same `id` you received so the system can match your answer.

What you receive (input JSON)

```
{  
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",  
  "code": "public class Sample { ... }",  
  "answers": [  
    { "letter": "A", "answer": "Explanation of option A" },  
    { "letter": "B", "answer": "Explanation of option B" },  
    { "letter": "C", "answer": "Explanation of option C" }  
  ]  
}
```

Meaning:

- `id`: Unique identifier of this review task (UUID). Echo this back unchanged in your response.
- `code`: The code snippet to review.
- `answers`: A non-empty list of choices. Each item has:
 - `letter`: The option label (e.g., "A", "B", "C").
 - `answer`: The human-readable statement describing that option.

What you must send back (output JSON)

Send a JSON object with two fields:

```
{  
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",  
  "answerLetter": "B"  
}
```

Rules and validation:

1. Return HTTP status code 200.
2. The response JSON must be valid and follow the exact shape above.
3. `id` must be present and exactly match the `id` from the input.
4. `answerLetter` must be a non-blank string and correspond to one of the provided option letters.
5. Your answer is considered correct if the chosen `answerLetter` matches the problem's hidden correct option.