

# Valid Identifier

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[oj.dcs.upd.edu.ph/problem/valididentifier](https://oj.dcs.upd.edu.ph/problem/valididentifier)

[Submit solution](#)

Points: 300 (partial)

Time limit: 4.0s

Memory limit: 1G

Author:

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Problem type

Allowed languages

NONE, py3

## Problem Statement

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Given a string *ss*, determine whether it is a valid *identifier*.

For this problem, an identifier is valid if it satisfies the following properties:

- It should start with an (uppercase or lowercase) letter.
- Each subsequent characters must be a letter, underscore, or digit.

## Task Details

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Your task is to implement a function named `is_valid_identifier`, which should look like this:

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```
def is_valid_identifier(s):  
    return ...
```

Here, you only need to replace the `...` part with a **Python expression**.

The function must return a Boolean denoting the answer.

Your source code must have at most 100100 bytes.

## Examples

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### Example 1 Function Call

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```
is_valid_identifier("banana")
```

### Example 1 Return Value

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```
True
```

### Example 2 Function Call

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```
is_valid_identifier("__banana__")
```

### Example 2 Return Value

Copy

```
False
```

## Constraints

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- The function `is_valid_identifier` will be called at most  $10410^4$  times.

- `ss` is a nonempty string consisting of English letters, digits, and underscores, and it has a length of at most 100100.

## Scoring

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**Note:** New tests may be added and all submissions may be rejudged at a later time. (All future tests will satisfy the constraints.)

- You get 5050 ❤️ points if you solve all test cases where:
  - `ss` always starts with an English letter.
- You get 5050 ❤️ points if you solve all test cases where:
  - There are no underscores in `ss`.
- You get 5050 ❤️ points if you solve all test cases where:
  - There are no digits in `ss`.
- You get 150150 ❤️ points if you solve all test cases.

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## Clarifications

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No clarifications have been made at this time.