

Valid Identifier

oj.dcs.upd.edu.ph/problem/valididentifier

[Submit solution](#)

Points: 300 (partial)

Time limit: 4.0s

Memory limit: 1G

Author:

[dlko\(\)](#)

Problem type

Allowed languages

NONE, py3

Problem Statement

Given a string s , 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

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

Copy

```
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

Example 1 Function Call

Copy

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

Example 1 Return Value

Copy

```
True
```

Example 2 Function Call

Copy

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

Example 2 Return Value

Copy

```
False
```

Constraints

- The function `is_valid_identifier` will be called at most $104 \cdot 10^4$ times.

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

Scoring

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.

[Report an issue](#)

Clarifications

No clarifications have been made at this time.