Tabnine Cheatsheet

A complete list of things you can do with Tabnine and how you can do them. The instructions were generated with VS Code in mind, but they should work on other IDEs as well.

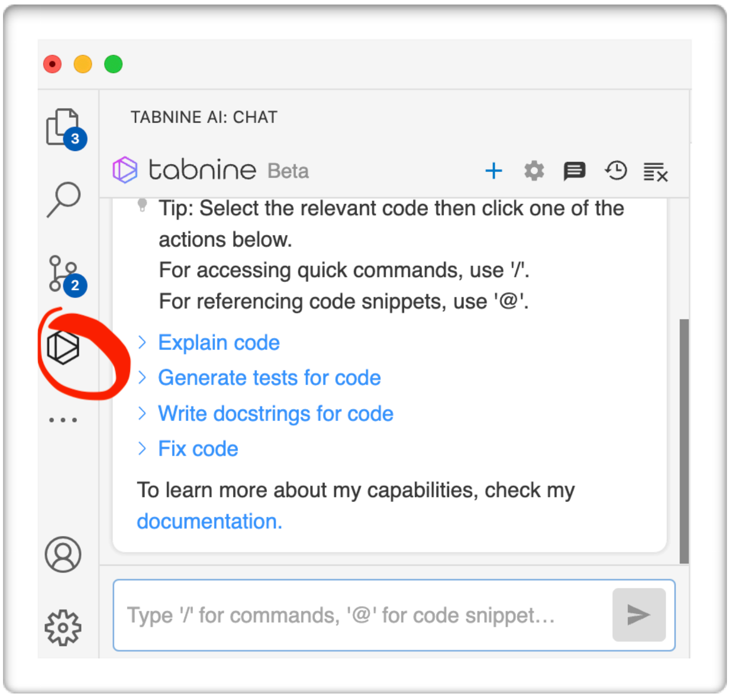
Table of Contents

Setting up Tabnine

In VS Code: Go to the Extensions tool in the left side toolbar, search for Tabnine and install it.
In PyCharm: Go to Settings -> Plugins -> Marketplace tab, search for Tabnine and install it.

Open chat window

Access the chat using the chat icon located on the left side of VS Code and write a query in the chat.



Tip: Select the relevant code then click one of the actions below.
For accessing quick commands, use '/'.
For referencing code snippets, use '@'.

- Explain code
- Generate tests for code
- Write docstrings for code
- Fix code

To learn more about my capabilities, check my documentation.

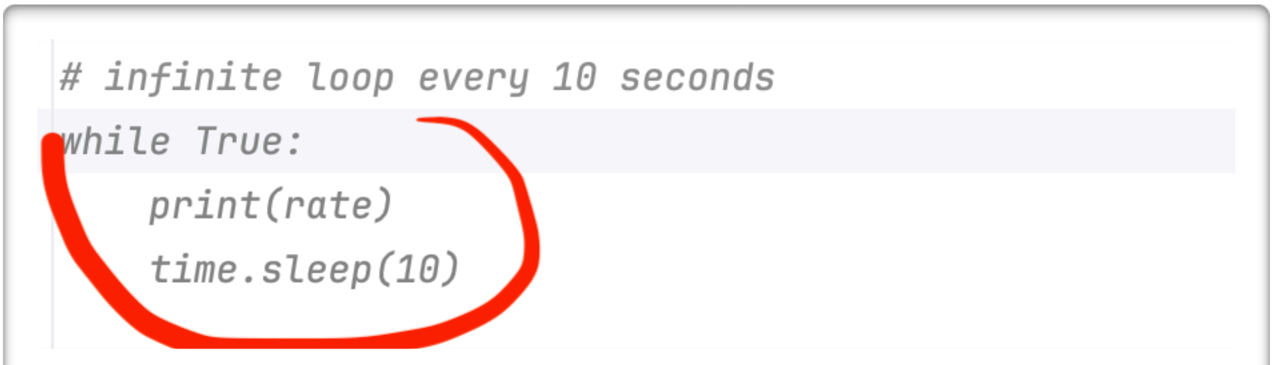
Type '/' for commands, '@' for code snippet...

Open inline chat

There is currently no inline chat feature for Tabnine. The main chat window can be used instead.

Generate code from a comment

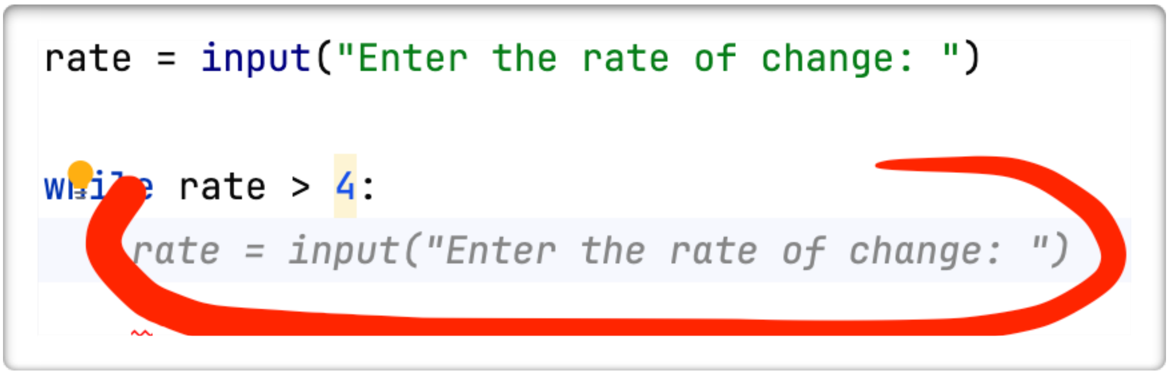
Write a comment and press enter to go to the next line. Press Tab to accept the gray suggestion of Tabnine.



```
# infinite loop every 10 seconds
while True:
    print(rate)
    time.sleep(10)
```

Autocomplete code from partial code

Start writing code. Soon, Tabnine will suggest some code in gray. Press Tab to accept the suggestion.



```
rate = input("Enter the rate of change: ")

while rate > 4:
    rate = input("Enter the rate of change: ")
```

Accept only a word from a suggestion

Press CTRL + -> or CMD + -> to accept only the suggestion word by word.

Show alternative suggestion

Press ALT +] to show alternative suggestions instead of accepting the given suggestion.

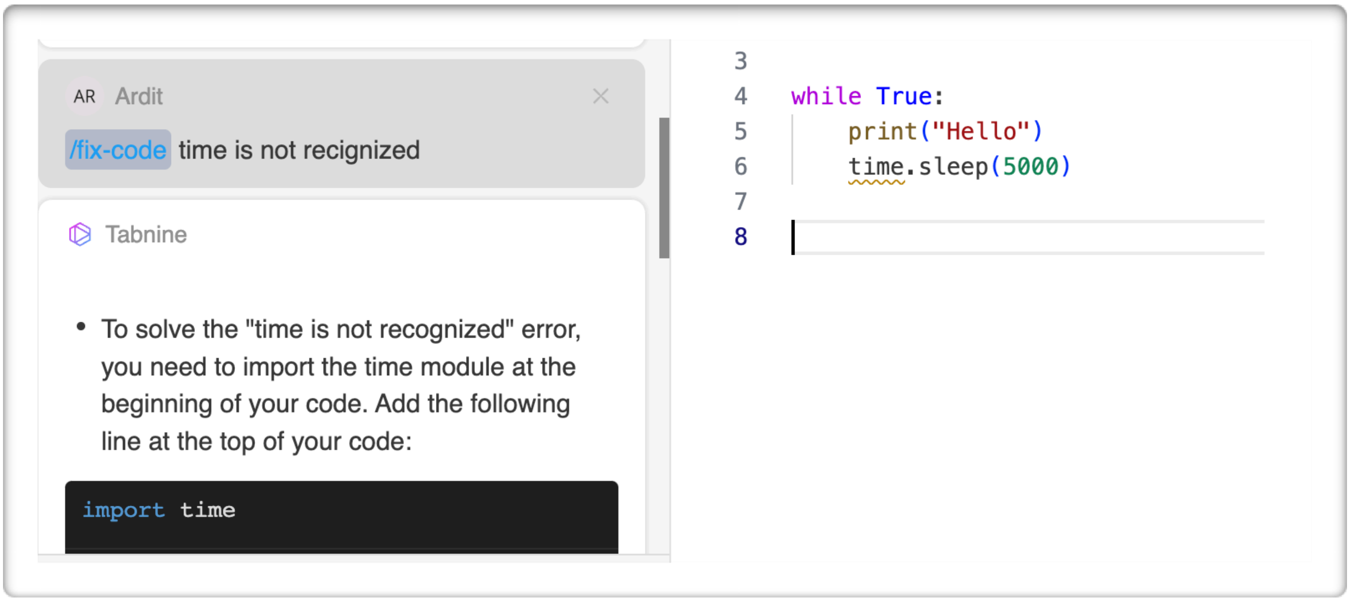
Show previous suggestion

After having pressed ALT +] press ALT + [to show the previous suggestion.

Fix code

Select the code that has an issue. Then, go to the Tabnine button on the side bar and write /fix-code followed by an explanation of the issue.

Note: If there is a fix button on top of the code (in case of functions and classes), you can use that button to fix the code instead of the above instructions.



/fix-code time is not recignized

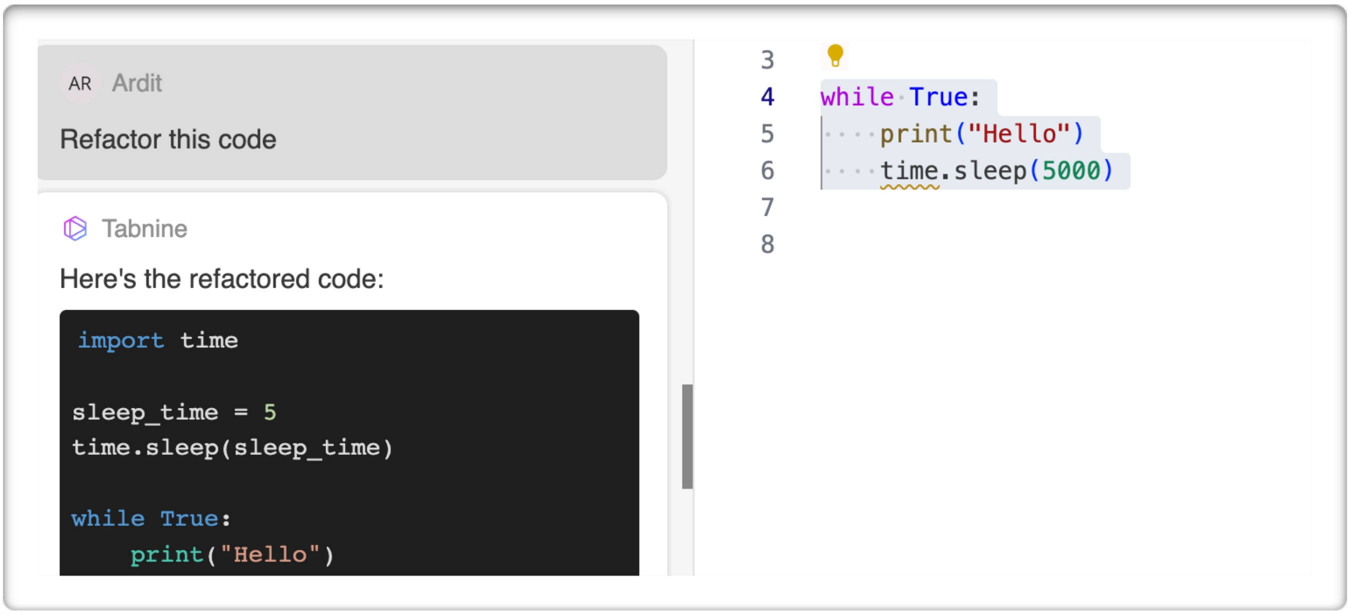
- To solve the "time is not recognized" error, you need to import the time module at the beginning of your code. Add the following line at the top of your code:

```
import time
```

```
while True:
    print("Hello")
    time.sleep(5000)

```

Refactor code

Select the code you want to refactor. Then, go to the Tabnine button on the side bar and write "refactor this code."



Refactor this code

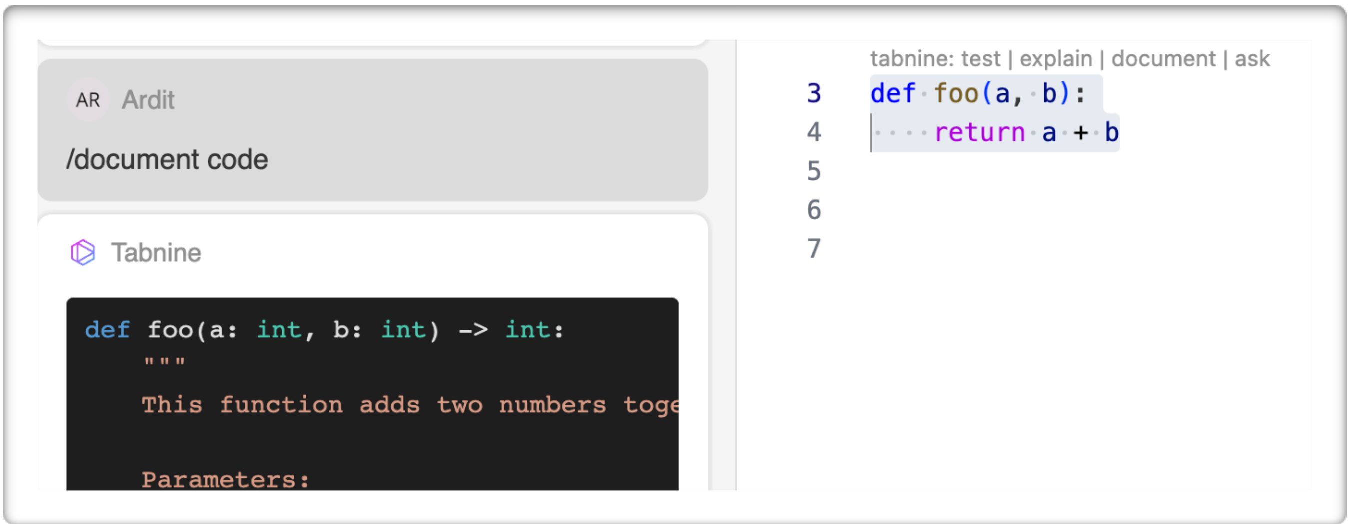
Here's the refactored code:

```
 import time

sleep_time = 5
time.sleep(sleep_time)

while True:
    print("Hello")
```

```
while True:
    print("Hello")
    time.sleep(5000)
```

Document code

Select the code you want to document. Then, go to the Tabnine button on the side bar and write
/document-code
Note: If there is a fix button on top of the code (in case of functions and classes), you can use that button to fix the code instead of the above instructions.



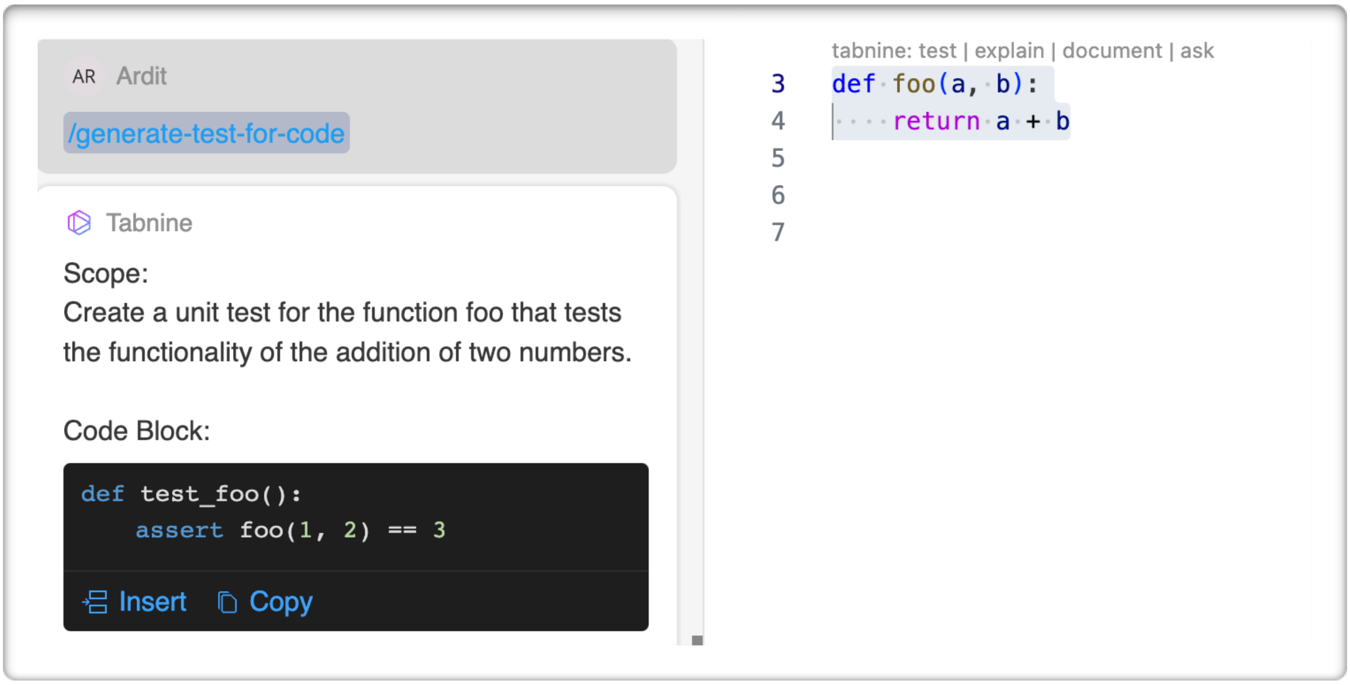
/document code

```
def foo(a: int, b: int) -> int:
    """
    This function adds two numbers toge

    Parameters:
```

```
def foo(a, b):
    return a + b
```

Create unit tests

Select the code you want to document. Then, go to the Tabnine button on the side bar and write
"generate unit test."



AR Ardit

/generate-test-for-code

Tabnine

Scope:
Create a unit test for the function foo that tests the functionality of the addition of two numbers.

Code Block:

```
def test_foo():
    assert foo(1, 2) == 3
```

```
def foo(a, b):
    return a + b
```

Ask questions about your project

Access the main chat window using the Tabnine button on the side bar and write your question in the chat. Tabnine can answer questions about your project since it has access to your files.

Ask general programming questions

Access the main chat window using the Tabnine button on the side bar and write your general programming questions in the chat.