with open

How Does the With Statement Work in Python?
The with statement works with the open() function to open a file.

So, you can re-write the code we used in the open() function example like this:

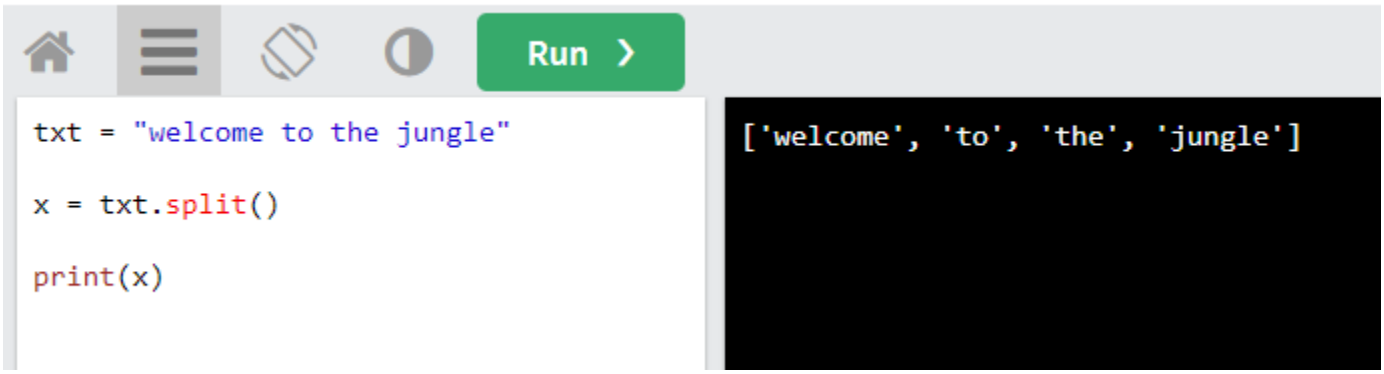
```
with open("hello.txt") as my_file:
    print(my_file.read())

# Output :
# Hello world
# I hope you're doing well today
# This is a text file
```

split() method

Definition and Usage
The split() method splits a string into a list.

You can specify the separator, default separator is any whitespace.



Dictionary Methods

Python has a set of built-in methods that you can use on dictionaries.

Method	Description
clear()	Removes all the elements from the dictionary
copy()	Returns a copy of the dictionary
fromkeys()	Returns a dictionary with the specified keys and value
get()	Returns the value of the specified key
items()	Returns a list containing a tuple for each key value pair
keys()	Returns a list containing the dictionary's keys
pop()	Removes the element with the specified key
popitem()	Removes the last inserted key-value pair
setdefault()	Returns the value of the specified key. If the key does not exist: insert the key, with the specified value
update()	Updates the dictionary with the specified key-value pairs
values()	Returns a list of all the values in the dictionary

Horizontal Bars

If you want the bars to be displayed horizontally instead of vertically, use the `barh()` function:

Example

Draw 4 horizontal bars:

```
import matplotlib.pyplot as plt
import numpy as np

x = np.array(["A", "B", "C", "D"])
y = np.array([3, 8, 1, 10])

plt.barh(x, y)
plt.show()
```

Result: