

รายงานศึกษา python

โดย

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ติดตั้ง python และทดลองใช้งาน

File Edit Selection View Go Run Terminal Help

RUN

test.py x

C:\> Users > Moke > Desktop > Files > Work > DATA STRUCTURES AND ALGORITHM > code > test.py

```
1 print("Hello World!")
```

To customize Run and Debug, open a folder and create a launch.json file.

Show all automatic debug configurations.

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

3: Python Debug Consc

```
p\Files\Work\DATA STRUCTURES AND ALGORITHM\code'; & 'C:\Users\Moke\AppData\Local\Microsoft\WindowsApps\python.exe' 'c:\Users\Moke\.vscode\extensions\ms-python.python-2021.2.633441544\pythonFiles\lib\python\debugpy\launcher' '61955' '--' 'c:\Users\Moke\Desktop\Files\Work\DATA STRUCTURES AND ALGORITHM\code\test.py'
Hello World!
PS C:\Users\Moke\Desktop\Files\Work\DATA STRUCTURES AND ALGORITHM\code> cd 'c:\Users\Moke\Desktop\Files\Work\DATA STRUCTURES AND ALGORITHM\code';
& 'C:\Users\Moke\AppData\Local\Microsoft\WindowsApps\python.exe' 'c:\Users\Moke\.vscode\extensions\ms-python.python-2021.2.633441544\pythonFiles\lib\python\debugpy\launcher' '61961' '--' 'c:\Users\Moke\Desktop\Files\Work\DATA STRUCTURES AND ALGORITHM\code\test.py'
Hello World!
PS C:\Users\Moke\Desktop\Files\Work\DATA STRUCTURES AND ALGORITHM\code>
```

Ln 1, Col 22 Spaces:4 UTF-8 CRLF Python 9:27 PM 8/3/2021

คึกซ่าผ่านเว็บไซต์พ3 school

The screenshot shows a Microsoft Edge browser window with two tabs open: "Python Tutorial" and "Exercise v3.0". The "Exercise v3.0" tab displays a Python exercise page from w3schools.com. On the left, a sidebar lists "Completed 1 of 95 Exercises:" and a navigation menu for "PYTHON Syntax" with "Exercise 1" selected. The main content area contains the heading "Exercise:" and instructions: "Insert the missing part of the code below to output 'Hello World'." Below this is a code editor with the following code:

```
print("Hello World")
```

At the bottom right of the code editor is a "Show Answer" button. At the bottom of the page is a "Submit Answer >" button.

The screenshot shows a Microsoft Edge browser window with two tabs open: "Exercise v3.0" and another tab which is partially visible. The "Exercise v3.0" tab displays a Python exercise page from w3schools.com. On the left, a sidebar lists "Completed 2 of 95 Exercises:" and a navigation menu for "PYTHON Syntax" with "Exercise 2" selected. The main content area contains the heading "Exercise:" and a note: "This example misses indentations to be correct." Below this is instructions: "Insert the missing indentation to make the code correct:". A code editor shows the following code:

```
if 5 > 2:  
    print("Five is greater than two!")
```

At the bottom right of the code editor is a "Show Answer" button. At the bottom of the page is a "Submit Answer >" button.

Exercise v3.0

Completed 3 of 95 Exercises:

- PYTHON Syntax
- PYTHON Comments
- Exercise 1**
- Exercise 2
- [Go to PYTHON Comments Tutorial](#)
- PYTHON Variables
- PYTHON Data Types
- PYTHON Numbers
- PYTHON Strings
- PYTHON Booleans
- PYTHON Operators
- PYTHON Lists

Exercise:

Comments in Python are written with a special character, which one?

```
#This is a comment
```

[Show Answer](#)

[Submit Answer >](#)

Type here to search

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Exercise v3.0

Completed 4 of 95 Exercises:

- PYTHON Syntax
- PYTHON Comments
- Exercise 1**
- Exercise 2**
- [Go to PYTHON Comments Tutorial](#)
- PYTHON Variables
- PYTHON Data Types
- PYTHON Numbers
- PYTHON Strings
- PYTHON Booleans
- PYTHON Operators
- PYTHON Lists

Exercise:

Use a multiline string to make the a multi line comment:

```
"""
This is a comment
written in
more than just one line
"""
```

[Show Answer](#)

[Submit Answer >](#)

Type here to search

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Exercise v3.0

Completed 5 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables
- ✓ Exercise 1
- Exercise 2
- Exercise 3
- Exercise 4
- Exercise 5
- Exercise 6
- Exercise 7

[Go to PYTHON Variables Tutorial](#)

PYTHON Data Types

PYTHON Modules

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_variables1

## Exercise:

Create a variable named `carname` and assign the value `Volvo` to it.

```
Carname = "Volvo"
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 6 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables
- ✓ Exercise 1
- ✓ Exercise 2
- Exercise 3
- Exercise 4
- Exercise 5
- Exercise 6
- Exercise 7

[Go to PYTHON Variables Tutorial](#)

PYTHON Data Types

PYTHON Modules

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_variables2

## Exercise:

Create a variable named `x` and assign the value `50` to it.

```
x = 50
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 7 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables

Exercise:

Display the sum of `5 + 10`, using two variables: `x` and `y`.

```
x = 5  
y = 10  
print(x + y)
```

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 8 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables

Exercise:

Create a variable called `z`, assign `x + y` to it, and display the result.

```
x = 5  
y = 10  
z = x + y  
print(z)
```

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 9 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables

Exercise:

Remove the illegal characters in the variable name:

```
myfirst_name = "John"
```

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 10 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables

Exercise:

Insert the correct syntax to assign the same value to all three variables in one code line.

```
x = y = z = "Orange"
```

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 11 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- Exercise 1
- Exercise 2
- Exercise 3
- Exercise 4
- Exercise 5
- Exercise 6
- Exercise 7**
- [Go to PYTHON Variables Tutorial](#)

**Exercise:**

Insert the correct keyword to make the variable x belong to the global scope.

```
def myfunc():
    global x
    x = "fantastic"
```

[Show Answer](#)

[Submit Answer >](#)

Type here to search

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Exercise v3.0

Completed 12 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types
- Exercise 1**
- Exercise 2
- Exercise 3
- Exercise 4
- Exercise 5
- Exercise 6
- Exercise 7
- [Go to PYTHON Data Types Tutorial](#)

**Exercise:**

The following code example would print the data type of x, what data type would that be?

```
x = 5
print(type(x))
```

int

[Show Answer](#)

[Submit Answer >](#)

Type here to search

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Exercise v3.0

Completed 13 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- Exercise 1 ✓
- Exercise 2 ✓
- Exercise 3
- Exercise 4
- Exercise 5
- Exercise 6
- Exercise 7

[Go to PYTHON Data Types Tutorial](#)

## Exercise:

The following code example would print the data type of x, what data type would that be?

```
x = "Hello World"  
print(type(x))  
  
str
```

[Show Answer](#)

[Submit Answer >](#)

Exercise v3.0

Completed 14 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- Exercise 1 ✓
- Exercise 2 ✓
- Exercise 3 ✓
- Exercise 4
- Exercise 5
- Exercise 6
- Exercise 7

[Go to PYTHON Data Types Tutorial](#)

Exercise v3.0

Completed 14 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- Exercise 1 ✓
- Exercise 2 ✓
- Exercise 3 ✓
- Exercise 4
- Exercise 5
- Exercise 6
- Exercise 7

[Go to PYTHON Data Types Tutorial](#)

## Exercise:

The following code example would print the data type of x, what data type would that be?

```
x = 20.5  
print(type(x))  
  
float
```

[Show Answer](#)

[Submit Answer >](#)

Exercise v3.0

Completed 15 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types
  - ✓ Exercise 1
  - ✓ Exercise 2
  - ✓ Exercise 3
  - ✓ Exercise 4**
  - Exercise 5
  - Exercise 6
  - Exercise 7

[Go to PYTHON Data Types Tutorial](#)

## Exercise:

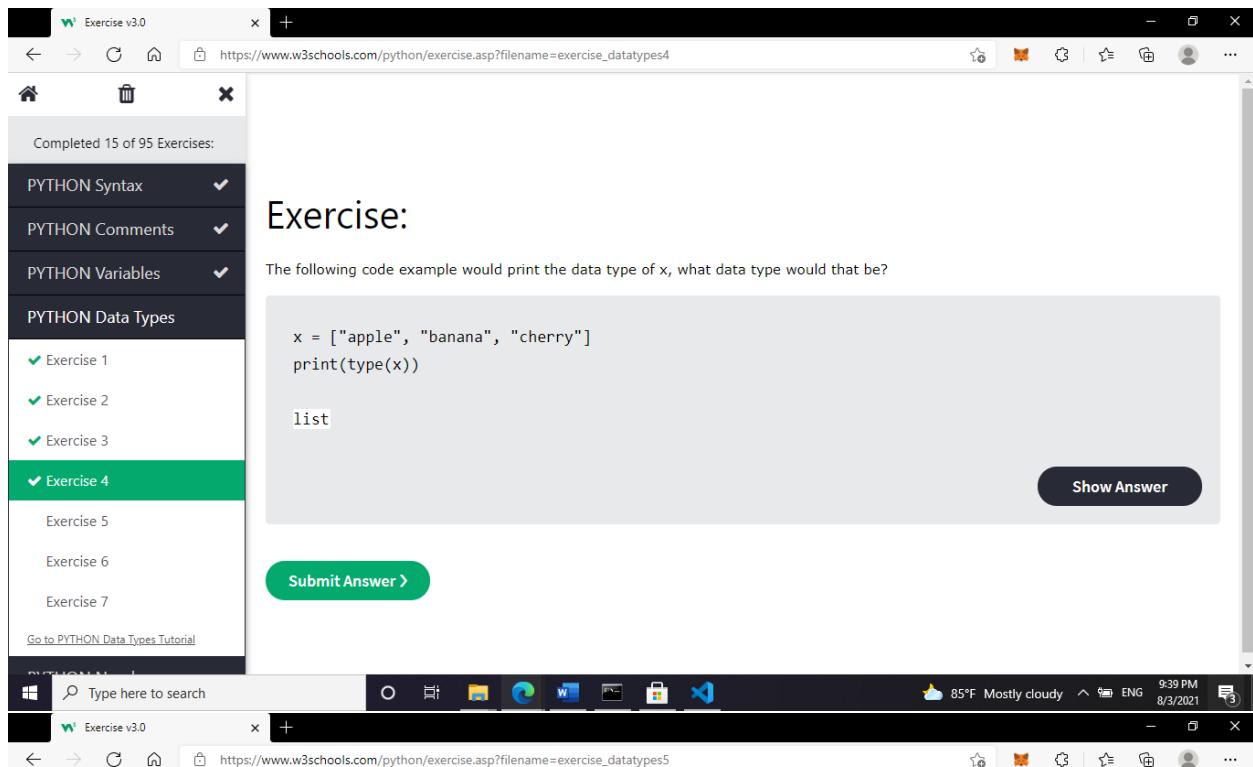
The following code example would print the data type of x, what data type would that be?

```
x = ["apple", "banana", "cherry"]
print(type(x))
```

list

[Show Answer](#)

[Submit Answer >](#)



Exercise v3.0

Completed 16 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types
  - ✓ Exercise 1
  - ✓ Exercise 2
  - ✓ Exercise 3
  - ✓ Exercise 4
  - ✓ Exercise 5**
  - Exercise 6
  - Exercise 7

[Go to PYTHON Data Types Tutorial](#)

## Exercise:

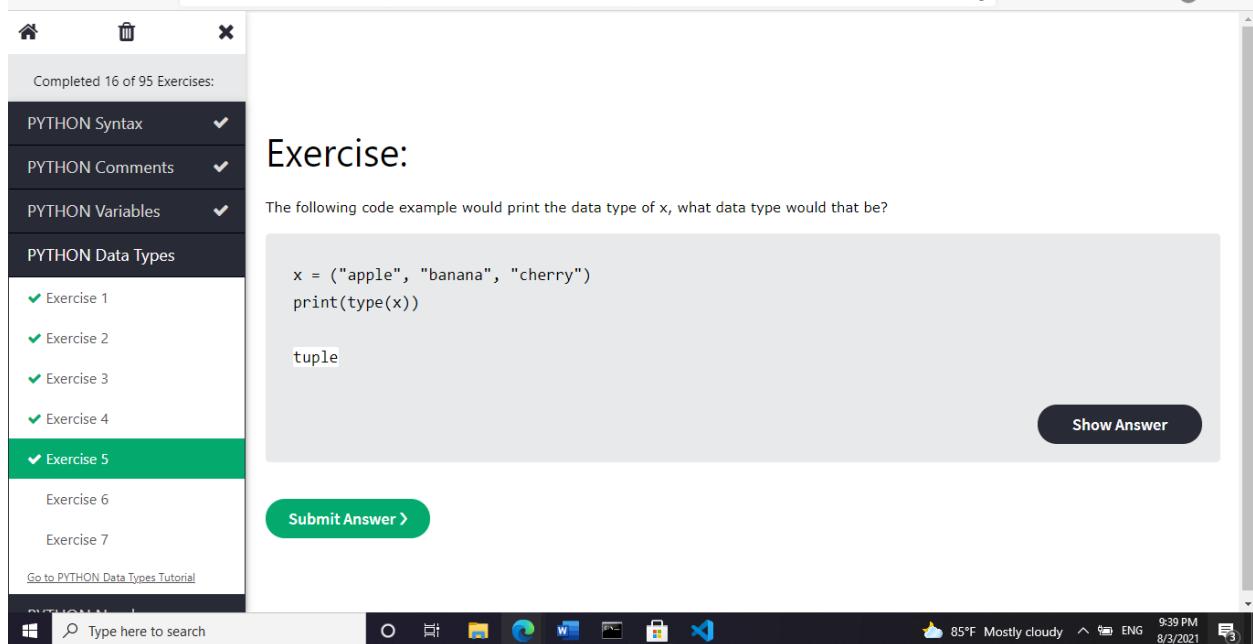
The following code example would print the data type of x, what data type would that be?

```
x = ("apple", "banana", "cherry")
print(type(x))
```

tuple

[Show Answer](#)

[Submit Answer >](#)



Exercise v3.0

Completed 17 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓

Exercise:

The following code example would print the data type of x, what data type would that be?

```
x = {"name" : "John", "age" : 36}
print(type(x))
```

dict

Show Answer

Submit Answer >

Go to PYTHON Data Types Tutorial

Type here to search

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Exercise v3.0

Completed 18 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓

Exercise:

The following code example would print the data type of x, what data type would that be?

```
x = True
print(type(x))
```

bool

Show Answer

Submit Answer >

Go to PYTHON Data Types Tutorial

Type here to search

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Exercise v3.0

Completed 19 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers

✓ Exercise 1

Exercise 2

Exercise 3

[Go to PYTHON Numbers Tutorial](#)

PYTHON Strings

PYTHON Booleans

PYTHON Operators

Exercise:

Insert the correct syntax to convert x into a floating point number.

```
x = 5
x = float(x)
```

[Show Answer](#)

[Submit Answer >](#)

Type here to search

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Exercise v3.0

Completed 20 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers

✓ Exercise 1

✓ Exercise 2

Exercise 3

[Go to PYTHON Numbers Tutorial](#)

PYTHON Strings

PYTHON Booleans

PYTHON Operators

Exercise:

Insert the correct syntax to convert x into a integer.

```
x = 5.5
x = int(x)
```

[Show Answer](#)

[Submit Answer >](#)

Type here to search

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Exercise v3.0

Completed 21 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓

✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

[Go to PYTHON Numbers Tutorial](#)

PYTHON Strings

PYTHON Booleans

PYTHON Operators

x = 5  
x = complex(x)

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 22 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings

✓ Exercise 1

Exercise 2

Exercise 3

Exercise 4

Exercise 5

Exercise 6

x = "Hello World"  
print(len(x))

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 23 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings

Exercise:

Get the first character of the string `txt`.

```
txt = "Hello World"
x = txt[0]
```

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 24 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings

Exercise:

Get the characters from index 2 to index 4 ( `llo` ).

```
txt = "Hello World"
x = txt[2:5]
```

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 25 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings
  - ✓ Exercise 1
  - ✓ Exercise 2
  - ✓ Exercise 3
  - ✓ Exercise 4**
  - Exercise 5
  - Exercise 6

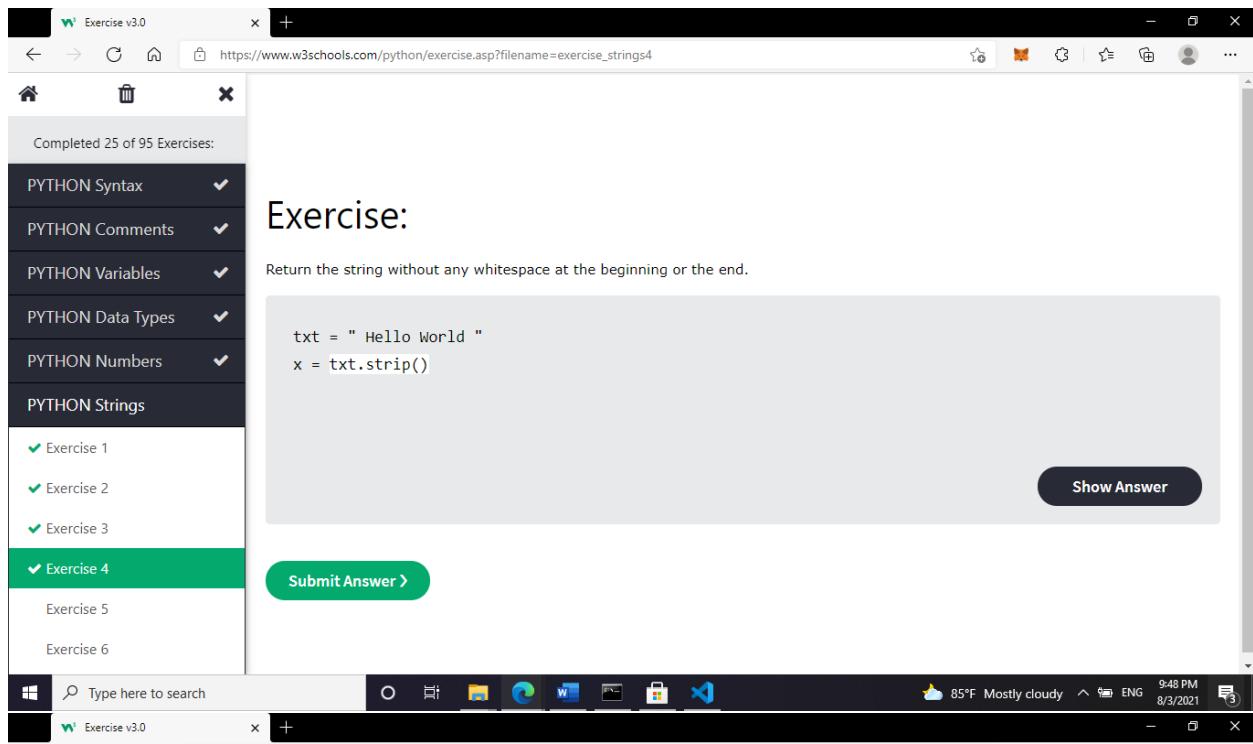
## Exercise:

Return the string without any whitespace at the beginning or the end.

```
txt = " Hello World "
x = txt.strip()
```

[Show Answer](#)

[Submit Answer >](#)



Exercise v3.0

Completed 26 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings
  - ✓ Exercise 1
  - ✓ Exercise 2
  - ✓ Exercise 3
  - ✓ Exercise 4
  - ✓ Exercise 5**
  - Exercise 6

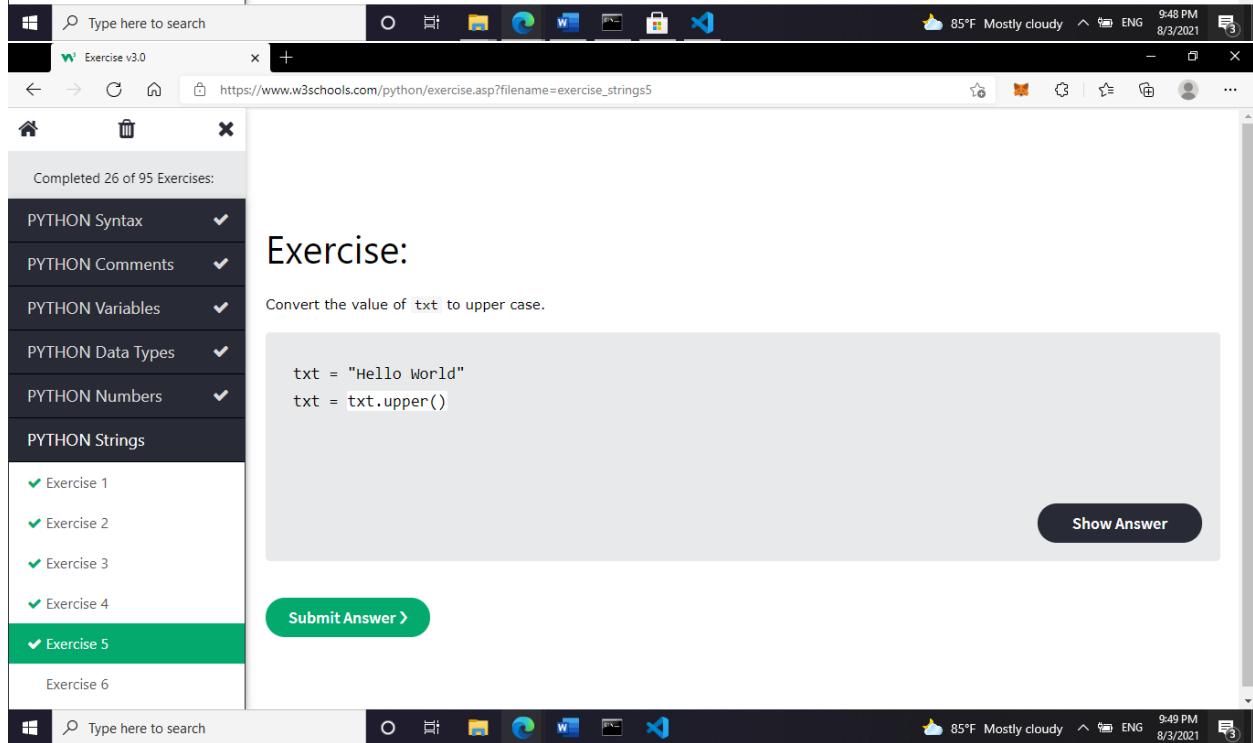
## Exercise:

Convert the value of `txt` to upper case.

```
txt = "Hello World"
txt = txt.upper()
```

[Show Answer](#)

[Submit Answer >](#)



Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_strings6

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Completed 27 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings
- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5
- ✓ Exercise 6

Exercise:

Convert the value of `txt` to lower case.

```
txt = "Hello World"
txt = txt.lower()
```

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_strings7

Completed 28 of 95 Exercises:

- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5
- ✓ Exercise 6
- ✓ Exercise 7
- Exercise 8
- [Go to PYTHON Strings Tutorial](#)

PYTHON Booleans

PYTHON Operators

PYTHON Lists

PYTHON Tuples

Exercise:

Replace the character H with a J .

```
txt = "Hello World"
txt = txt.replace("H", "J")
```

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 29 of 95 Exercises:

- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5
- ✓ Exercise 6
- ✓ Exercise 7
- ✓ Exercise 8**

[Go to PYTHON Strings Tutorial](#)

PYTHON Booleans

PYTHON Operators

PYTHON Lists

PYTHON Tuples

PYTHON Sets

Type here to search

Exercise:

Insert the correct syntax to add a placeholder for the age parameter.

```
age = 36
txt = "My name is John, and I am {}"
print(txt.format(age))
```

Show Answer

Submit Answer >

Exercise v3.0

Completed 30 of 95 Exercises:

PYTHON Syntax ✓

PYTHON Comments ✓

PYTHON Variables ✓

PYTHON Data Types ✓

PYTHON Numbers ✓

PYTHON Strings ✓

PYTHON Booleans

**✓ Exercise 1**

Exercise 2

Exercise 3

Exercise 4

Exercise 5

Type here to search

Exercise v3.0

Completed 30 of 95 Exercises:

PYTHON Syntax ✓

PYTHON Comments ✓

PYTHON Variables ✓

PYTHON Data Types ✓

PYTHON Numbers ✓

PYTHON Strings ✓

PYTHON Booleans

**✓ Exercise 1**

Exercise 2

Exercise 3

Exercise 4

Exercise 5

Type here to search

Exercise:

The statement below would print a Boolean value, which one?

```
print(10 > 9)
```

True

Show Answer

Submit Answer >

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Exercise v3.0

Completed 31 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings ✓
- PYTHON Booleans

Exercise:

The statement below would print a Boolean value, which one?

```
print(10 == 9)
```

False

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 32 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings ✓
- PYTHON Booleans

Exercise:

The statement below would print a Boolean value, which one?

```
print(10 < 9)
```

False

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 33 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings ✓
- PYTHON Booleans

Exercise:

The statement below would print a Boolean value, which one?

```
print(bool("abc"))
```

True

Show Answer

Submit Answer >

Exercise 5  
Waiting for xbindswitch.net...

Type here to search

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Exercise v3.0

Completed 34 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings ✓
- PYTHON Booleans ✓

Exercise:

The statement below would print a Boolean value, which one?

```
print(bool(0))
```

False

Show Answer

Submit Answer >

Exercise 5  
Waiting for xbindswitch.net...

Type here to search

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Exercise v3.0

Completed 35 of 95 Exercises:

PYTHON Operators

✓ Exercise 1

Exercise 2

Exercise 3

Exercise 4

Exercise 5

[Go to PYTHON Operators Tutorial](#)

PYTHON Lists

PYTHON Tuples

PYTHON Sets

PYTHON Dictionaries

PYTHON If...Else

Exercise:

Multiply 10 with 5, and print the result.

```
print(10 * 5)
```

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 36 of 95 Exercises:

PYTHON Syntax ✓

PYTHON Comments ✓

PYTHON Variables ✓

PYTHON Data Types ✓

PYTHON Numbers ✓

PYTHON Strings ✓

PYTHON Booleans ✓

PYTHON Operators

✓ Exercise 1

✓ Exercise 2

Exercise 3

Exercise 4

Exercise:

Divide 10 by 2, and print the result.

```
print(10 / 2)
```

Show Answer

Submit Answer >

Type here to search

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ENG 8/3/2021

Exercise v3.0

Completed 37 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings ✓
- PYTHON Booleans ✓
- PYTHON Operators ✓

Exercise:

Use the correct membership operator to check if "apple" is present in the `fruits` object.

```
fruits = ["apple", "banana"]
if "apple" in fruits:
    print("Yes, apple is a fruit!")
```

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 38 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings ✓
- PYTHON Booleans ✓
- PYTHON Operators ✓

Exercise:

Use the correct comparison operator to check if 5 is **not equal** to 10.

```
if 5 != 10:
    print("5 and 10 is not equal")
```

Show Answer

Submit Answer >

Type here to search

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Exercise v3.0

Completed 39 of 95 Exercises:

- PYTHON Booleans ✓
- PYTHON Operators ✓
- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5**
- [Go to PYTHON Operators Tutorial](#)

PYTHON Lists

PYTHON Tuples

PYTHON Sets

PYTHON Dictionaries

PYTHON If\_Else

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_operators5

## Exercise:

Use the correct logical operator to check if at least one of two statements is True.

```
if 5 == 10 or 4 == 4:  
    print("At least one of the statements is true")
```

Show Answer

Submit Answer >

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ENG 8/3/2021

Exercise v3.0

Completed 40 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings ✓
- PYTHON Booleans ✓
- PYTHON Operators ✓
- PYTHON Lists
- ✓ Exercise 1**
- Exercise 2
- Exercise 3

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_lists1

## Exercise:

Print the second item in the fruits list.

```
fruits = ["apple", "banana", "cherry"]  
print(fruits[1])
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 41 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings ✓
- PYTHON Booleans ✓
- PYTHON Operators ✓
- PYTHON Lists
  - ✓ Exercise 1
  - ✓ Exercise 2
  - Exercise 3

**Exercise:**

Change the value from "apple" to "kiwi", in the `fruits` list.

```
fruits = ["apple", "banana", "cherry"]
fruits[0] = "kiwi"
```

[Show Answer](#)

[Submit Answer >](#)

Type here to search

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Exercise v3.0

Completed 42 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings ✓
- PYTHON Booleans ✓
- PYTHON Operators ✓
- PYTHON Lists
  - ✓ Exercise 1
  - ✓ Exercise 2
  - ✓ Exercise 3**

Exercise:

Use the `append` method to add "orange" to the `fruits` list.

```
fruits = ["apple", "banana", "cherry"]
fruits.append("orange")
```

Show Answer

Submit Answer >

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ENG 8/3/2021

Exercise v3.0

Completed 43 of 95 Exercises:

- PYTHON Booleans ✓
- PYTHON Operators ✓
- PYTHON Lists
  - ✓ Exercise 1
  - ✓ Exercise 2
  - ✓ Exercise 3
  - ✓ Exercise 4**
  - Exercise 5
  - Exercise 6
  - Exercise 7
  - Exercise 8

Go to PYTHON Lists Tutorial

Website Templates

Exercise:

Use the `insert` method to add "lemon" as the second item in the `fruits` list.

```
fruits = ["apple", "banana", "cherry"]
fruits.insert(1, "lemon")
```

Show Answer

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The screenshot shows a web browser window titled "Exercise v3.0". The URL is [https://www.w3schools.com/python/exercise.asp?filename=exercise\\_lists5](https://www.w3schools.com/python/exercise.asp?filename=exercise_lists5). On the left, there is a sidebar with a dark background containing links to various Python topics: PYTHON Syntax, PYTHON Comments, PYTHON Variables, PYTHON Data Types, PYTHON Numbers, PYTHON Strings, PYTHON Booleans, PYTHON Operators, and PYTHON Lists. Under PYTHON Lists, three exercises are listed: Exercise 1, Exercise 2, and Exercise 3. Exercise 1 is highlighted with a green background. The main content area has a light gray background. It starts with the heading "Exercise:" followed by the instruction "Use the `remove` method to remove "banana" from the `fruits` list.". Below this is a code snippet:

```
fruits = ["apple", "banana", "cherry"]
fruits.remove("banana")
```

At the bottom right of the main area is a "Show Answer" button. At the very bottom of the page is a Windows taskbar with icons for File Explorer, Task View, Edge, File, and VS Code.

This screenshot shows the same web browser window after Exercise 6 has been completed. The sidebar now indicates "Completed 45 of 95 Exercises". The "Exercise 6" link in the sidebar is highlighted with a green background. The main content area remains the same, displaying the exercise instructions and code snippet. The "Show Answer" button is still present. The Windows taskbar at the bottom is identical to the one in the first screenshot.

Exercise v3.0

Completed 46 of 95 Exercises:

- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5
- ✓ Exercise 6
- ✓ Exercise 7**
- Exercise 8

[Go to PYTHON Lists Tutorial](#)

PYTHON Tuples

PYTHON Sets

PYTHON Dictionaries

PYTHON If..Else

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_lists7

## Exercise:

Use a range of indexes to print the third, fourth, and fifth item in the list.

```
fruits = ["apple", "banana", "cherry", "orange", "kiwi", "melon", "mango"]
print(fruits[2:5])
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 47 of 95 Exercises:

- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5
- ✓ Exercise 6
- ✓ Exercise 7
- ✓ Exercise 8**
- Exercise 8

[Go to PYTHON Lists Tutorial](#)

PYTHON Tuples

PYTHON Sets

PYTHON Dictionaries

PYTHON If..Else

PYTHON While Loops

PYTHON For Loops

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_lists8

## Exercise:

Use the correct syntax to print the number of items in the list.

```
fruits = ["apple", "banana", "cherry"]
print(len(fruits))
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 48 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings ✓
- PYTHON Booleans ✓
- PYTHON Operators ✓
- PYTHON Lists ✓
- PYTHON Tuples

Exercise:

Use the correct syntax to print the first item in the `fruits` tuple.

```
fruits = ("apple", "banana", "cherry")
print(fruits[0])
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 49 of 95 Exercises:

- PYTHON Syntax ✓
- PYTHON Comments ✓
- PYTHON Variables ✓
- PYTHON Data Types ✓
- PYTHON Numbers ✓
- PYTHON Strings ✓
- PYTHON Booleans ✓
- PYTHON Operators ✓
- PYTHON Lists ✓
- PYTHON Tuples

Exercise:

Use the correct syntax to print the number of items in the `fruits` tuple.

```
fruits = ("apple", "banana", "cherry")
print(len(fruits))
```

Show Answer

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Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_tuples3

Completed 50 of 95 Exercises:

- PYTHON booleans
- PYTHON Operators ✓
- PYTHON Lists ✓
- PYTHON Tuples**
- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3**
- Exercise 4
- [Go to PYTHON Tuples Tutorial](#)

**Exercise:**

Use negative indexing to print the last item in the tuple.

```
fruits = ("apple", "banana", "cherry")
print(fruits[-1])
```

[Show Answer](#)

[Submit Answer >](#)

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Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_tuples4

Completed 51 of 95 Exercises:

- PYTHON Operators
- PYTHON Lists
- PYTHON Tuples
- Exercise 1
- Exercise 2
- Exercise 3
- Exercise 4**
- [Go to PYTHON Tuples Tutorial](#)

**Exercise:**

Use a range of indexes to print the third, fourth, and fifth item in the tuple.

```
fruits = ("apple", "banana", "cherry", "orange", "kiwi", "melon", "mango")
print(fruits[2:5])
```

**Show Answer**

**Submit Answer >**

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Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_sets1

Completed 52 of 95 Exercises:

- PYTHON Syntax
- PYTHON Comments
- PYTHON Variables
- PYTHON Data Types
- PYTHON Numbers
- PYTHON Strings
- PYTHON Booleans
- PYTHON Operators
- PYTHON Lists
- PYTHON Tuples
- PYTHON Sets
- Exercise 1**

**Exercise:**

Check if "apple" is present in the fruits set.

```
fruits = {"apple", "banana", "cherry"}
if "apple" in fruits:
    print("Yes, apple is a fruit!")
```

**Show Answer**

**Submit Answer >**

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Exercise v3.0

Completed 53 of 95 Exercises:

- PYTHON Basics
- PYTHON Operators ✓
- PYTHON Lists ✓
- PYTHON Tuples ✓
- PYTHON Sets
- ✓ Exercise 1
- ✓ Exercise 2
- Exercise 3
- Exercise 4
- Exercise 5

[Go to PYTHON Sets Tutorial](#)

PYTHON Dictionaries

PYTHON If...Else

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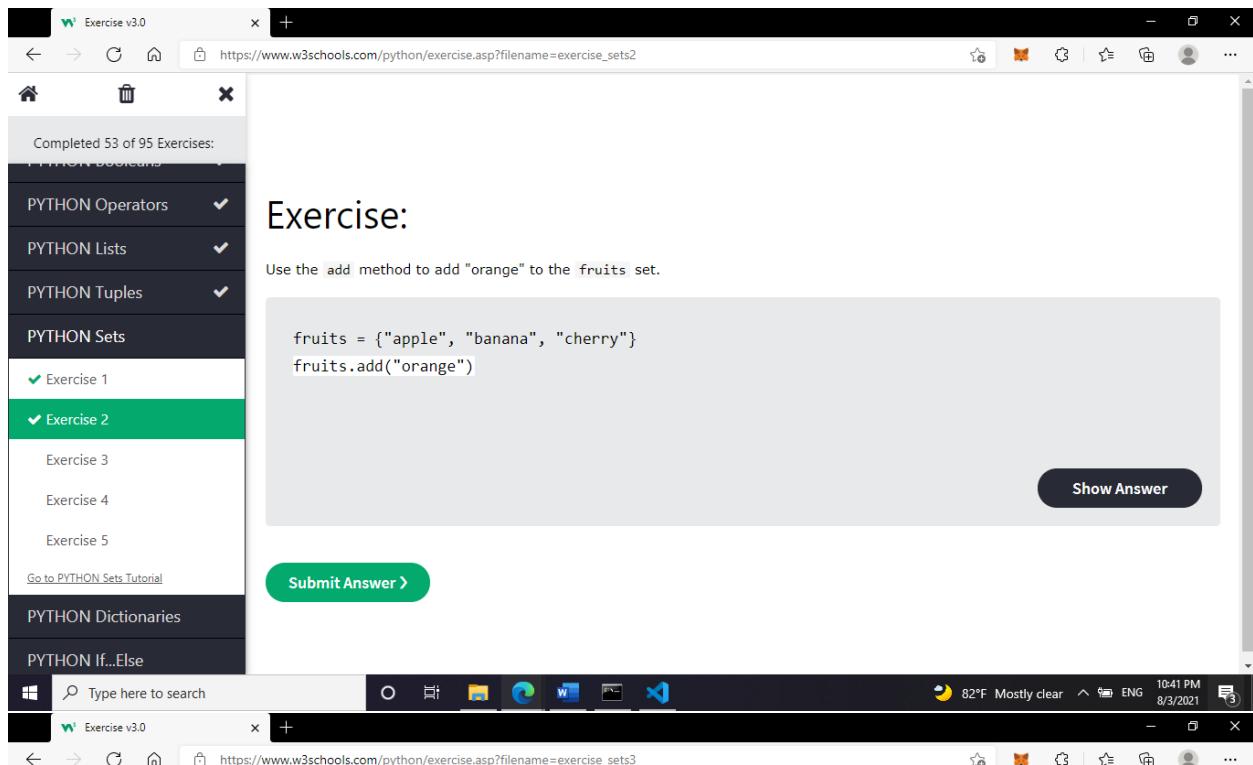
## Exercise:

Use the `add` method to add "orange" to the `fruits` set.

```
fruits = {"apple", "banana", "cherry"}  
fruits.add("orange")
```

Show Answer

Submit Answer >



Exercise v3.0

Completed 54 of 95 Exercises:

- PYTHON Operators
- PYTHON Lists ✓
- PYTHON Tuples ✓
- PYTHON Sets
- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- Exercise 4
- Exercise 5

[Go to PYTHON Sets Tutorial](#)

PYTHON Dictionaries

PYTHON If...Else

PYTHON While Loops

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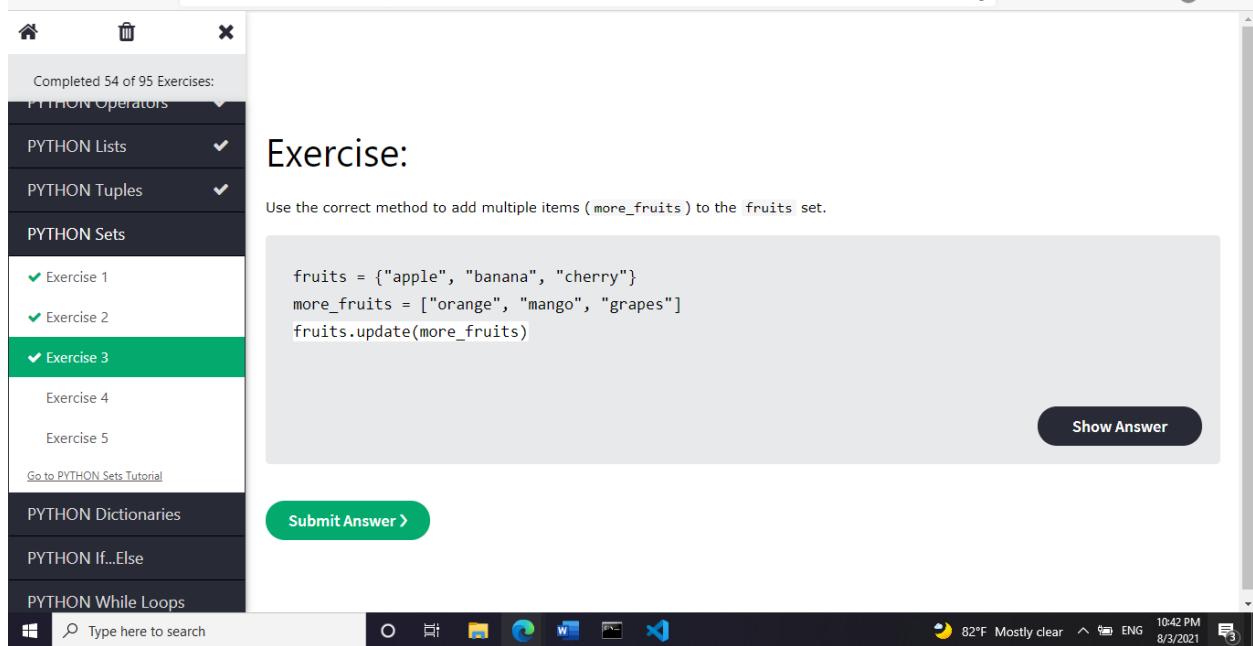
## Exercise:

Use the correct method to add multiple items (`more_fruits`) to the `fruits` set.

```
fruits = {"apple", "banana", "cherry"}  
more_fruits = ["orange", "mango", "grapes"]  
fruits.update(more_fruits)
```

Show Answer

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Exercise v3.0

Completed 55 of 95 Exercises:

- PYTHON Lists
- PYTHON Tuples
- PYTHON Sets

Exercise:

Use the `remove` method to remove "banana" from the `fruits` set.

```
fruits = {"apple", "banana", "cherry"}  
fruits.remove("banana")
```

[Show Answer](#)

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Exercise v3.0

Completed 56 of 95 Exercises:

- PYTHON Tuples
- PYTHON Sets

Exercise:

Use the `discard` method to remove "banana" from the `fruits` set.

```
fruits = {"apple", "banana", "cherry"}  
fruits.discard("banana")
```

[Show Answer](#)

[Submit Answer >](#)

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Exercise v3.0

Completed 57 of 95 Exercises:

- PYTHON Operators ✓
- PYTHON Lists ✓
- PYTHON Tuples ✓
- PYTHON Sets ✓
- PYTHON Dictionaries
- ✓ Exercise 1
- Exercise 2
- Exercise 3
- Exercise 4
- Exercise 5

[Go to PYTHON Dictionaries Tutorial](#)

PYTHON If...Else

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ENG 8/3/2021

## Exercise:

Use the `get` method to print the value of the "model" key of the `car` dictionary.

```
car = {  
    "brand": "Ford",  
    "model": "Mustang",  
    "year": 1964  
}  
  
print(car.get("model"))
```

Show Answer

Submit Answer >

Exercise v3.0

Completed 58 of 95 Exercises:

- PYTHON Operators
- PYTHON Lists ✓
- PYTHON Tuples ✓
- PYTHON Sets ✓
- PYTHON Dictionaries
- ✓ Exercise 1
- ✓ Exercise 2
- Exercise 3
- Exercise 4
- Exercise 5

[Go to PYTHON Dictionaries Tutorial](#)

PYTHON If...Else

PYTHON While Loops

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ENG 8/3/2021

## Exercise:

Change the "year" value from 1964 to 2020.

```
car = {  
    "brand": "Ford",  
    "model": "Mustang",  
    "year": 1964  
}  
  
car["year"] = 2020
```

Show Answer

Submit Answer >

Exercise v3.0

Completed 59 of 95 Exercises:

PYTHON LISTS

PYTHON Tuples

PYTHON Sets

PYTHON Dictionaries

Exercise 1

Exercise 2

**Exercise 3**

Exercise 4

Exercise 5

[Go to PYTHON Dictionaries Tutorial](#)

PYTHON If...Else

PYTHON While Loops

PYTHON For Loops

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_dictionaries3

## Exercise:

Add the key/value pair "color" : "red" to the `car` dictionary.

```
car = {  
    "brand": "Ford",  
    "model": "Mustang",  
    "year": 1964  
}  
car["color"] = "red"
```

Show Answer

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Exercise v3.0

Completed 60 of 95 Exercises:

PYTHON Tuples

PYTHON Sets

PYTHON Dictionaries

Exercise 1

Exercise 2

Exercise 3

**Exercise 4**

Exercise 5

[Go to PYTHON Dictionaries Tutorial](#)

PYTHON If...Else

PYTHON While Loops

PYTHON For Loops

PYTHON Functions

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_dictionaries4

## Exercise:

Use the `pop` method to remove "model" from the `car` dictionary.

```
car = {  
    "brand": "Ford",  
    "model": "Mustang",  
    "year": 1964  
}  
car.pop("model")
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 61 of 95 Exercises:

- PYTHON Sets
- PYTHON Dictionaries
- Exercise 1
- Exercise 2
- Exercise 3
- Exercise 4
- Exercise 5**
- [Go to PYTHON Dictionaries Tutorial](#)
- PYTHON If...Else
- PYTHON While Loops
- PYTHON For Loops
- PYTHON Functions
- PYTHON Lambda

Exercise:

Use the `clear` method to empty the `car` dictionary.

```
car = {
    "brand": "Ford",
    "model": "Mustang",
    "year": 1964
}
car.clear()
```

[Show Answer](#)

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Exercise v3.0

Completed 62 of 95 Exercises:

- PYTHON Lists
- PYTHON Tuples
- PYTHON Sets
- PYTHON Dictionaries
- PYTHON If...Else**
- Exercise 1**
- Exercise 2
- Exercise 3
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- Exercise 6
- Exercise 7

Exercise v3.0

Completed 62 of 95 Exercises:

- PYTHON Lists
- PYTHON Tuples
- PYTHON Sets
- PYTHON Dictionaries
- PYTHON If...Else**
- Exercise 1**
- Exercise 2
- Exercise 3
- Exercise 4
- Exercise 5
- Exercise 6
- Exercise 7

Exercise:

Print "Hello World" if `a` is greater than `b`.

```
a = 50
b = 10
if a > b:
    print("Hello World")
```

[Show Answer](#)

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Exercise v3.0

Completed 63 of 95 Exercises:

PYTHON If...Else

- PYTHON Tuples ✓
- PYTHON Sets ✓
- PYTHON Dictionaries ✓
- PYTHON If...Else

✓ Exercise 1

✓ Exercise 2

Exercise 3

Exercise 4

Exercise 5

Exercise 6

Exercise 7

Exercise 8

Exercise:

Print "Hello World" if `a` is not equal to `b`.

```
a = 50
b = 10
if a != b:
    print("Hello World")
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 64 of 95 Exercises:

PYTHON If...Else

- PYTHON Tuples ✓
- PYTHON Sets ✓
- PYTHON Dictionaries ✓
- PYTHON If...Else

✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

Exercise 4

Exercise 5

Exercise 6

Exercise 7

Exercise 8

Exercise 9

Exercise:

Print "Yes" if `a` is equal to `b`, otherwise print "No".

```
a = 50
b = 10
if a == b:
    print("Yes")
else:
    print("No")
```

Show Answer

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Exercise v3.0

Completed 65 of 95 Exercises:

PYTHON Sets

PYTHON Dictionaries

PYTHON If...Else

Exercise 1

Exercise 2

Exercise 3

**Exercise 4**

Exercise 5

Exercise 6

Exercise 7

Exercise 8

Exercise 9

Go to PYTHON If...Else Tutorial

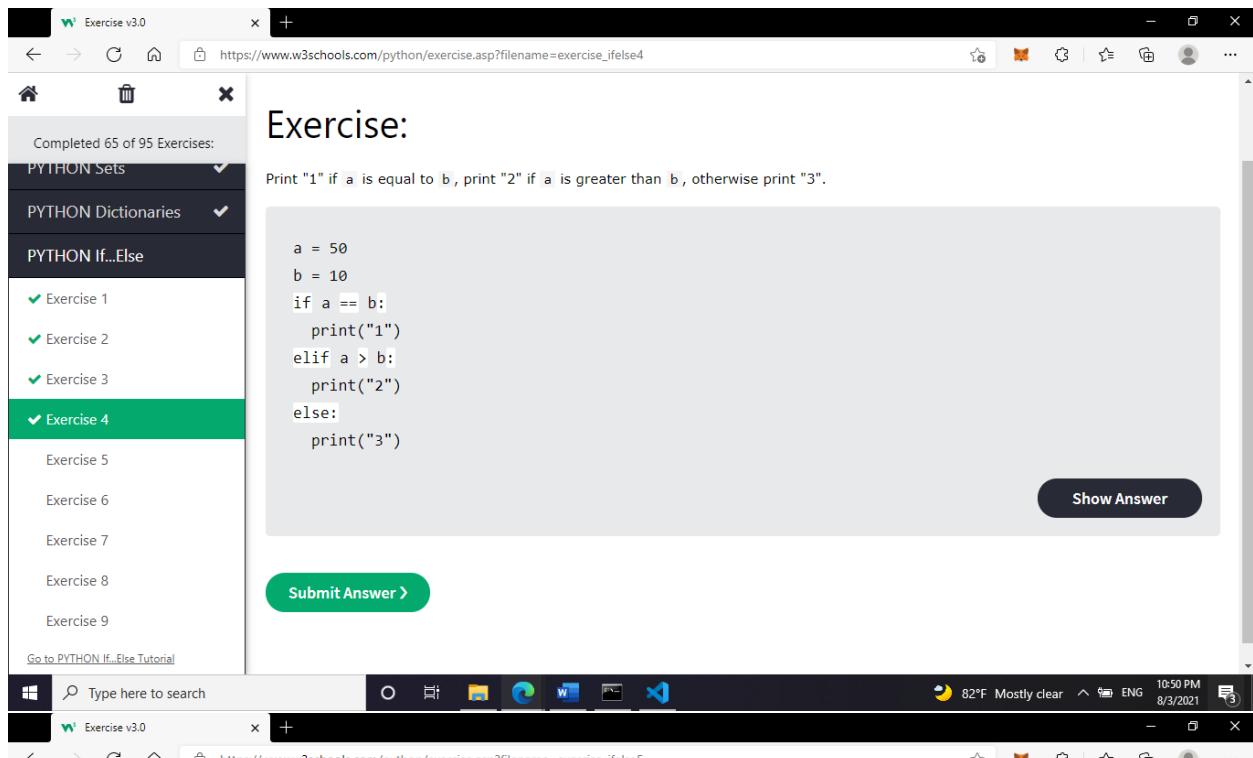
Exercise:

Print "1" if `a` is equal to `b`, print "2" if `a` is greater than `b`, otherwise print "3".

```
a = 50
b = 10
if a == b:
    print("1")
elif a > b:
    print("2")
else:
    print("3")
```

Show Answer

Submit Answer >



Exercise v3.0

Completed 66 of 95 Exercises:

PYTHON Dictionaries

PYTHON If...Else

Exercise 1

Exercise 2

Exercise 3

Exercise 4

**Exercise 5**

Exercise 6

Exercise 7

Exercise 8

Exercise 9

Go to PYTHON If...Else Tutorial

PYTHON While Loops

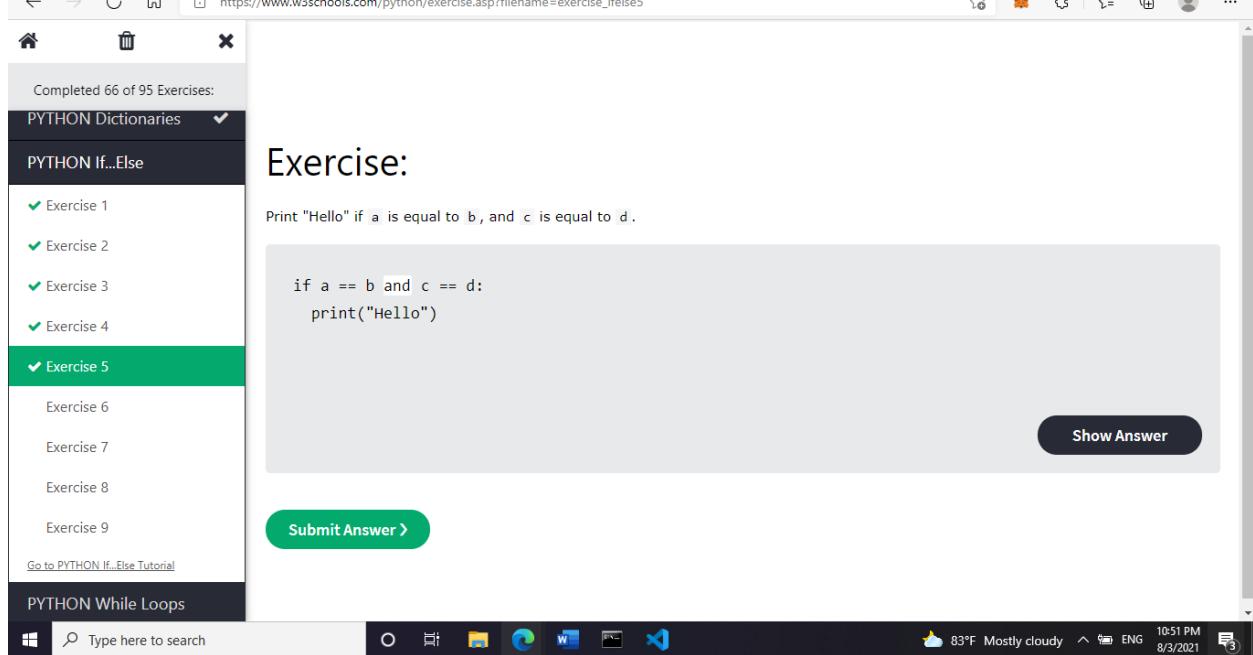
Exercise:

Print "Hello" if `a` is equal to `b`, and `c` is equal to `d`.

```
if a == b and c == d:
    print("Hello")
```

Show Answer

Submit Answer >



Exercise v3.0

Completed 67 of 95 Exercises:

PYTHON If...Else

- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5
- ✓ Exercise 6**
- Exercise 7
- Exercise 8
- Exercise 9

[Go to PYTHON If...Else Tutorial](#)

Exercise:

Print "Hello" if `a` is equal to `b`, or if `c` is equal to `d`.

```
if a == b or c == d:  
    print("Hello")
```

[Show Answer](#)

[Submit Answer >](#)

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Exercise v3.0

Completed 68 of 95 Exercises:

PYTHON If...Else

- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5
- ✓ Exercise 6
- ✓ Exercise 7**
- Exercise 8
- Exercise 9

[Go to PYTHON If...Else Tutorial](#)

Exercise:

This example misses indentations to be correct.

Insert the missing indentation to make the code correct:

```
if 5 > 2:  
    print("Five is greater than two!")
```

[Show Answer](#)

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Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_ifelse8

Completed 69 of 95 Exercises:

- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5
- ✓ Exercise 6
- ✓ Exercise 7
- ✓ Exercise 8**

Exercise:

Use the correct short hand syntax to put the following statement on one line:

```
if 5 > 2: print("Five is greater than two!")
```

Show Answer

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Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_ifelse9

Completed 70 of 95 Exercises:

- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5
- ✓ Exercise 6
- ✓ Exercise 7
- ✓ Exercise 8
- ✓ Exercise 9

[Go to PYTHON If...Else Tutorial](#)

PYTHON While Loops

PYTHON For Loops

PYTHON Functions

PYTHON Lambda

PYTHON Classes

Type here to search

Exercise:

Use the correct short hand syntax to write the following conditional expression in one line:

```
print("Yes") if 5 > 2 else print("No")
```

Show Answer

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Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_while\_loops1

Completed 71 of 95 Exercises:

- PYTHON Tuples
- PYTHON Sets
- PYTHON Dictionaries
- PYTHON If...Else
- PYTHON While Loops
- ✓ Exercise 1
- Exercise 2
- Exercise 3
- Exercise 4

[Go to PYTHON While Loops Tutorial](#)

PYTHON For Loops

PYTHON Functions

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Exercise:

Print i as long as i is less than 6.

```
i = 1
while i < 6:
    print(i)
    i += 1
```

Show Answer

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Exercise v3.0

Completed 72 of 95 Exercises:

PYTHON Topics

- PYTHON Sets
- PYTHON Dictionaries
- PYTHON If...Else
- PYTHON While Loops

✓ Exercise 1

✓ Exercise 2

Exercise 3

Exercise 4

[Go to PYTHON While Loops Tutorial](#)

PYTHON For Loops

PYTHON Functions

PYTHON Lambda

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_while\_loops2

## Exercise:

Stop the loop if `i` is 3.

```
i = 1
while i < 6:
    if i == 3:
        break
    i += 1
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 73 of 95 Exercises:

PYTHON Topics

- PYTHON Sets
- PYTHON Dictionaries
- PYTHON If...Else
- PYTHON While Loops

✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

Exercise 4

[Go to PYTHON While Loops Tutorial](#)

PYTHON For Loops

PYTHON Functions

PYTHON Lambda

PYTHON Classes

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https://www.w3schools.com/python/exercise.asp?filename=exercise\_while\_loops3

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## Exercise:

In the loop, when `i` is 3, jump directly to the next iteration.

```
i = 0
while i < 6:
    i += 1
    if i == 3:
        continue
    print(i)
```

Show Answer

Submit Answer >

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Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_while\_loops4

Completed 74 of 95 Exercises:

- PYTHON Dictionaries
- PYTHON If...Else
- PYTHON While Loops

Exercise:

Print a message once the condition is false.

```
i = 1
while i < 6:
    print(i)
    i += 1
else:
    print("i is no longer less than 6")
```

Show Answer

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Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_for\_loops1

Completed 75 of 95 Exercises:

- PYTHON Sets
- PYTHON Dictionaries
- PYTHON If...Else
- PYTHON While Loops
- PYTHON For Loops

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Exercise:

Loop through the items in the fruits list.

```
fruits = ["apple", "banana", "cherry"]
for x in fruits:
    print(x)
```

Show Answer

Submit Answer >

Type here to search

83°F Mostly cloudy 10:57 PM ENG 8/3/2021

Exercise v3.0

Completed 76 of 95 Exercises:

- PYTHON Sets
- PYTHON Dictionaries ✓
- PYTHON If...Else ✓
- PYTHON While Loops ✓
- PYTHON For Loops
- ✓ Exercise 1
- ✓ Exercise 2
- Exercise 3
- Exercise 4

[Go to PYTHON For Loops Tutorial](#)

PYTHON Functions

PYTHON Lambda

PYTHON Classes

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_for\_loops2

Exercise:

In the loop, when the item value is "banana", jump directly to the next item.

```
fruits = ["apple", "banana", "cherry"]
for x in fruits:
    if x == "banana":
        continue
    print(x)
```

Show Answer

Submit Answer >

83°F Mostly cloudy 10:57 PM 8/3/2021 ENG

Exercise v3.0

Completed 77 of 95 Exercises:

- PYTHON Dictionaries
- PYTHON If...Else ✓
- PYTHON While Loops ✓
- PYTHON For Loops
- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- Exercise 4

[Go to PYTHON For Loops Tutorial](#)

PYTHON Functions

PYTHON Lambda

PYTHON Classes

PYTHON Inheritance

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_for\_loops3

Exercise:

Use the `range` function to loop through a code set 6 times.

```
for x in range(6):
    print(x)
```

Show Answer

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Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_for\_loops4

Completed 78 of 95 Exercises:

- PYTHON If...Else
- PYTHON While Loops
- PYTHON For Loops
- Exercise 1
- Exercise 2
- Exercise 3
- Exercise 4**
- [Go to PYTHON For Loops Tutorial](#)

**Exercise:**

Exit the loop when `x` is "banana".

```
fruits = ["apple", "banana", "cherry"]
for x in fruits:
    if x == "banana":
        break
    print(x)
```

[Show Answer](#)

[Submit Answer >](#)

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10:58 PM 83°F Mostly cloudy ENG 8/3/2021

Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_functions1

Completed 79 of 95 Exercises:

- PYTHON Dictionaries
- PYTHON If...Else
- PYTHON While Loops
- PYTHON For Loops
- PYTHON Functions
- Exercise 1**
- Exercise 2
- Exercise 3
- Exercise 4
- Exercise 5
- Exercise 6
- [Go to PYTHON Functions Tutorial](#)

**Exercise:**

Create a function named `my_function`.

```
def my_function():
    print("Hello from a function")
```

[Show Answer](#)

[Submit Answer >](#)

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Exercise v3.0

Completed 80 of 95 Exercises:

- PYTHON Dictionaries
- PYTHON If..Else
- PYTHON While Loops
- PYTHON For Loops
- PYTHON Functions
- Exercise 1
- Exercise 2**
- Exercise 3
- Exercise 4
- Exercise 5
- Exercise 6

[Go to PYTHON Functions Tutorial](#)

PYTHON Lambda

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_functions2

## Exercise:

Execute a function named `my_function`.

```
def my_function():
    print("Hello from a function")

my_function()
```

Show Answer

Submit Answer >

Exercise v3.0

Completed 81 of 95 Exercises:

- PYTHON If..Else
- PYTHON While Loops
- PYTHON For Loops
- PYTHON Functions
- Exercise 1
- Exercise 2
- Exercise 3**
- Exercise 4
- Exercise 5
- Exercise 6

[Go to PYTHON Functions Tutorial](#)

PYTHON Lambda

PYTHON Classes

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_functions3

## Exercise:

Inside a function with two parameters, print the first parameter.

```
def my_function(fname, lname):
    print(fname)
```

Show Answer

Submit Answer >

Exercise v3.0

Completed 82 of 95 Exercises:

PYTHON While Loops

PYTHON For Loops

PYTHON Functions

- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4**
- Exercise 5
- Exercise 6

[Go to PYTHON Functions Tutorial](#)

PYTHON Lambda

PYTHON Classes

PYTHON Inheritance

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_functions4

Exercise:

Let the function return the `x` parameter + 5.

```
def my_function(x):
    return x + 5
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 83 of 95 Exercises:

PYTHON For Loops

PYTHON Functions

- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5**
- Exercise 6

[Go to PYTHON Functions Tutorial](#)

PYTHON Lambda

PYTHON Classes

PYTHON Inheritance

PYTHON Modules

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_functions5

Exercise:

If you do not know the number of arguments that will be passed into your function, there is a prefix you can add in the function definition, which prefix?

```
def my_function(*kids):
    print("The youngest child is " + kids[2])
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 84 of 95 Exercises:

PYTHON Functions

- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4
- ✓ Exercise 5
- ✓ Exercise 6

[Go to PYTHON Functions Tutorial](#)

PYTHON Lambda

PYTHON Classes

PYTHON Inheritance

PYTHON Modules

Exercise:

If you do not know the number of *keyword* arguments that will be passed into your function, there is a prefix you can add in the function definition, which prefix?

```
def my_function(**kid):
    print("His last name is " + kid["lname"])
```

Show Answer

Submit Answer >

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Exercise v3.0

Completed 85 of 95 Exercises:

PYTHON If..Else

PYTHON While Loops

PYTHON For Loops

PYTHON Functions

PYTHON Lambda

✓ Exercise 1

[Go to PYTHON Lambda Tutorial](#)

PYTHON Classes

PYTHON Inheritance

PYTHON Modules

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Exercise:

Create a lambda function that takes one parameter ( a ) and returns it.

```
x = lambda a : a
```

Show Answer

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Exercise v3.0

Completed 86 of 95 Exercises:

- PYTHON While Loops ✓
- PYTHON For Loops ✓
- PYTHON Functions ✓
- PYTHON Lambda ✓
- PYTHON Classes

Exercise 1

Exercise 2

Exercise 3

Exercise 4

[Go to PYTHON Classes Tutorial](#)

PYTHON Inheritance

PYTHON Modules

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_classes1

## Exercise:

Create a class named MyClass:

```
class MyClass:  
    x = 5
```

Show Answer

Submit Answer >

11:02 PM 83°F Mostly cloudy ENG 8/3/2021

Exercise v3.0

Completed 87 of 95 Exercises:

- PYTHON While Loops
- PYTHON For Loops ✓
- PYTHON Functions ✓
- PYTHON Lambda ✓
- PYTHON Classes

Exercise 1

Exercise 2

Exercise 3

Exercise 4

[Go to PYTHON Classes Tutorial](#)

PYTHON Inheritance

PYTHON Modules

Type here to search

https://www.w3schools.com/python/exercise.asp?filename=exercise\_classes2

## Exercise:

Create an object of MyClass called p1:

```
class MyClass:  
    x = 5  
  
p1 = MyClass()
```

Show Answer

Submit Answer >

11:03 PM 83°F Mostly cloudy ENG 8/3/2021

Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_classes3

Completed 88 of 95 Exercises:

- PYTHON For Loops ✓
- PYTHON Functions ✓
- PYTHON Lambda ✓
- PYTHON Classes**
- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3**
- Exercise 4
- [Go to PYTHON Classes Tutorial](#)
- PYTHON Inheritance
- PYTHON Modules

รับโบนัสเครด \$30 ที่ XM  
ให้บริการที่เป็นเลิศแก่ลูกค้า เช่น ใจอางแพลตฟอร์ม ได้จากนั้นทุกๆ โปรเจกต์ พร้อมยังจัดการประจำล้ำ XM

Exercise:

Use the p1 object to print the value of x:

```
class MyClass:  
    x = 5  
  
p1 = MyClass()  
  
print(p1.x)
```

Show Answer

Submit Answer >

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83°F Mostly cloudy 11:03 PM 8/3/2021 ENG

Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_classes4

Completed 89 of 95 Exercises:

- PYTHON For Loops ✓
- PYTHON Functions ✓
- PYTHON Lambda ✓
- PYTHON Classes**
- ✓ Exercise 1
- ✓ Exercise 2
- ✓ Exercise 3
- ✓ Exercise 4**
- [Go to PYTHON Classes Tutorial](#)
- PYTHON Inheritance
- PYTHON Modules

Exercise:

What is the correct syntax to assign a "init" function to a class?

```
class Person:  
    def __init__(self, name, age):  
        self.name = name  
        self.age = age
```

Show Answer

Submit Answer >

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83°F Mostly cloudy 11:04 PM 8/3/2021 ENG

Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_inheritance1

Completed 90 of 95 Exercises:

- PYTHON If...Else
- PYTHON While Loops ✓
- PYTHON For Loops ✓
- PYTHON Functions ✓
- PYTHON Lambda ✓
- PYTHON Classes ✓
- PYTHON Inheritance

✓ Exercise 1

Exercise 2

[Go to PYTHON Inheritance Tutorial](#)

**Exercise:**

What is the correct syntax to create a class named `Student` that will inherit properties and methods from a class named `Person`?

```
class Student(Person):
```

**Show Answer**

**Submit Answer >**

Exercise v3.0

https://www.w3schools.com/python/exercise.asp?filename=exercise\_inheritance2

Completed 91 of 95 Exercises:

- PYTHON If...Else
- PYTHON While Loops ✓
- PYTHON For Loops ✓
- PYTHON Functions ✓
- PYTHON Lambda ✓
- PYTHON Classes ✓
- PYTHON Inheritance ✓

✓ Exercise 1

✓ Exercise 2

[Go to PYTHON Inheritance Tutorial](#)

**Exercise:**

We have used the `Student` class to create an object named `x`.

What is the correct syntax to execute the `printname` method of the object `x`?

```
class Person:  
    def __init__(self, fname):  
        self.firstname = fname  
  
    def printname(self):  
        print(self.firstname)  
  
class Student(Person):  
    pass  
  
x = Student("Mike")  
x.printname()
```

**Show Answer**

**Submit Answer >**

Exercise v3.0

Completed 92 of 95 Exercises:

- PYTHON For Loops ✓
- PYTHON Functions ✓
- PYTHON Lambda ✓
- PYTHON Classes ✓
- PYTHON Inheritance ✓
- PYTHON Modules

✓ Exercise 1

Exercise 2

Exercise 3

Exercise 4

[Go to PYTHON Modules Tutorial](#)

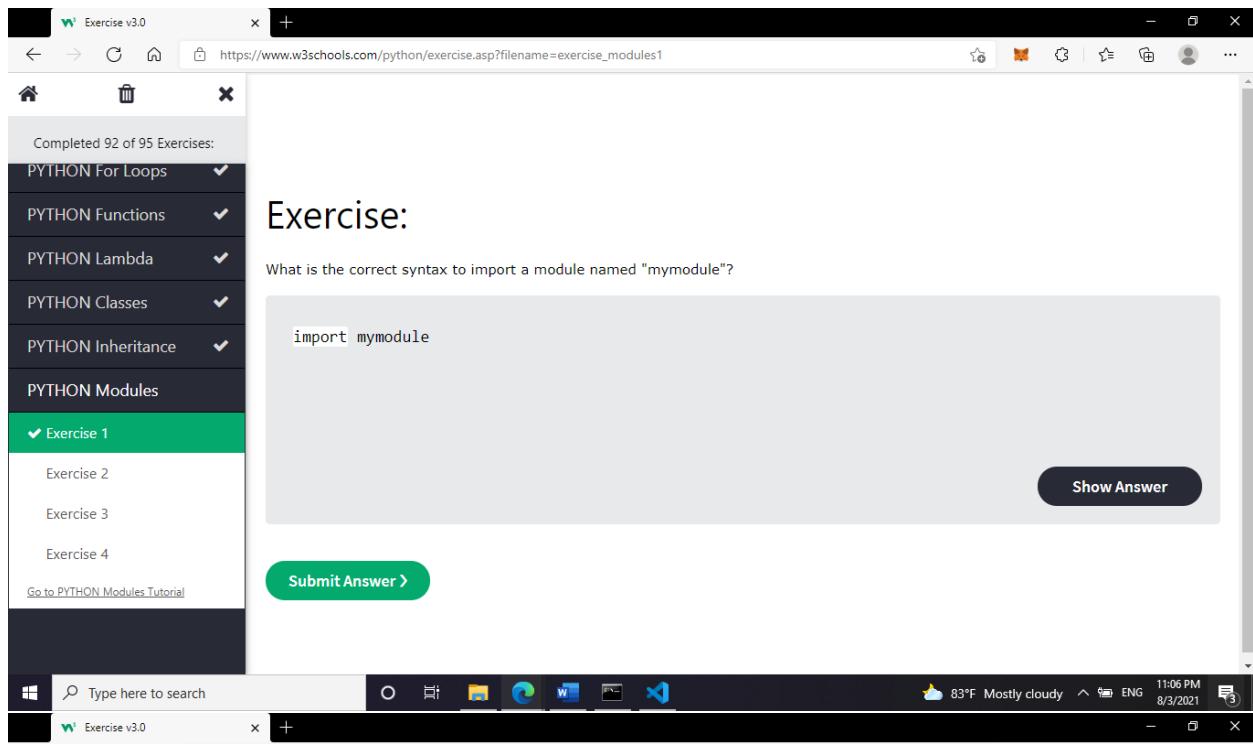
## Exercise:

What is the correct syntax to import a module named "mymodule"?

```
import mymodule
```

[Show Answer](#)

[Submit Answer >](#)



Exercise v3.0

Completed 93 of 95 Exercises:

- PYTHON For Loops ✓
- PYTHON Functions ✓
- PYTHON Lambda ✓
- PYTHON Classes ✓
- PYTHON Inheritance ✓
- PYTHON Modules

✓ Exercise 1

✓ Exercise 2

Exercise 3

Exercise 4

[Go to PYTHON Modules Tutorial](#)

## Exercise:

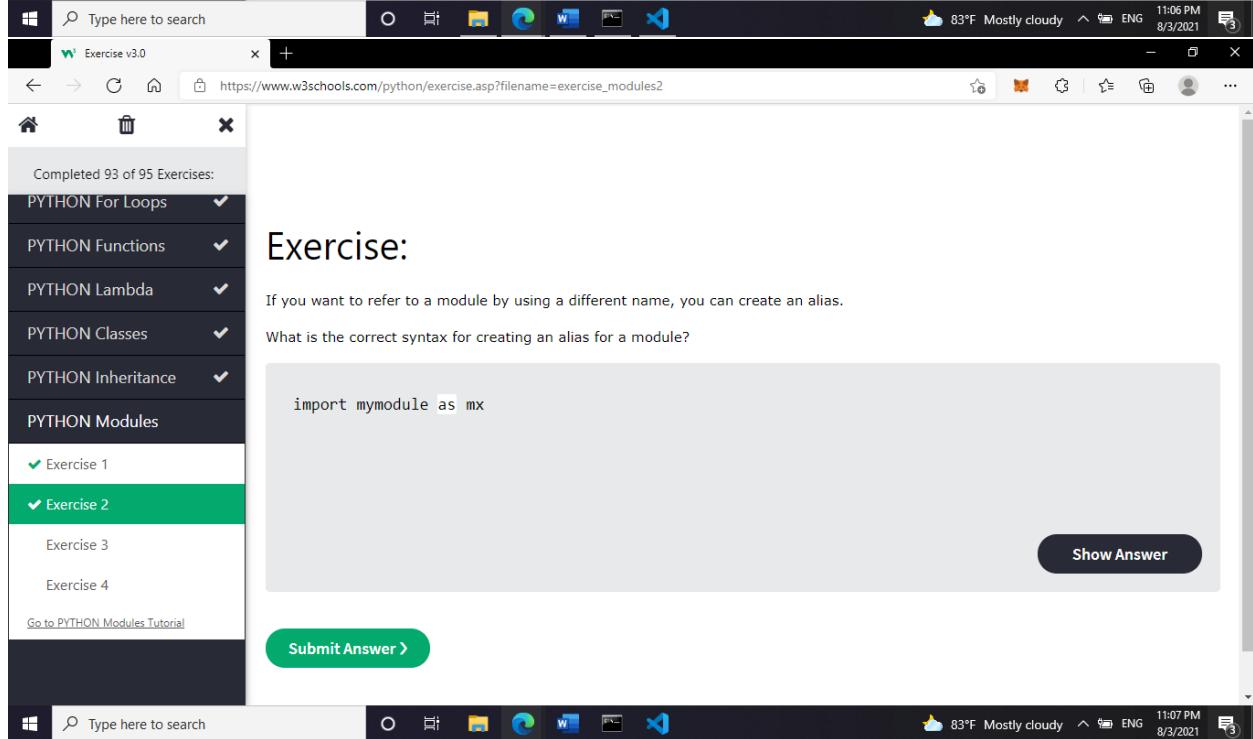
If you want to refer to a module by using a different name, you can create an alias.

What is the correct syntax for creating an alias for a module?

```
import mymodule as mx
```

[Show Answer](#)

[Submit Answer >](#)



Exercise v3.0

Completed 94 of 95 Exercises:

- PYTHON For Loops ✓
- PYTHON Functions ✓
- PYTHON Lambda ✓
- PYTHON Classes ✓
- PYTHON Inheritance ✓
- PYTHON Modules

✓ Exercise 1  
✓ Exercise 2  
**✓ Exercise 3**  
Exercise 4  
[Go to PYTHON Modules Tutorial](#)

https://www.w3schools.com/python/exercise.asp?filename=exercise\_modules3

## Exercise:

What is the correct syntax of printing all variables and function names of the "mymodule" module?

```
import mymodule

print(dir(mymodule))
```

[Show Answer](#)

[Submit Answer >](#)



Exercise v3.0

Completed 95 of 95 Exercises:

- PYTHON For Loops ✓
- PYTHON Functions ✓
- PYTHON Lambda ✓
- PYTHON Classes ✓
- PYTHON Inheritance ✓
- PYTHON Modules ✓

✓ Exercise 1  
✓ Exercise 2  
✓ Exercise 3  
**✓ Exercise 4**  
[Go to PYTHON Modules Tutorial](#)

https://www.w3schools.com/python/exercise.asp?filename=exercise\_modules4

## Exercise:

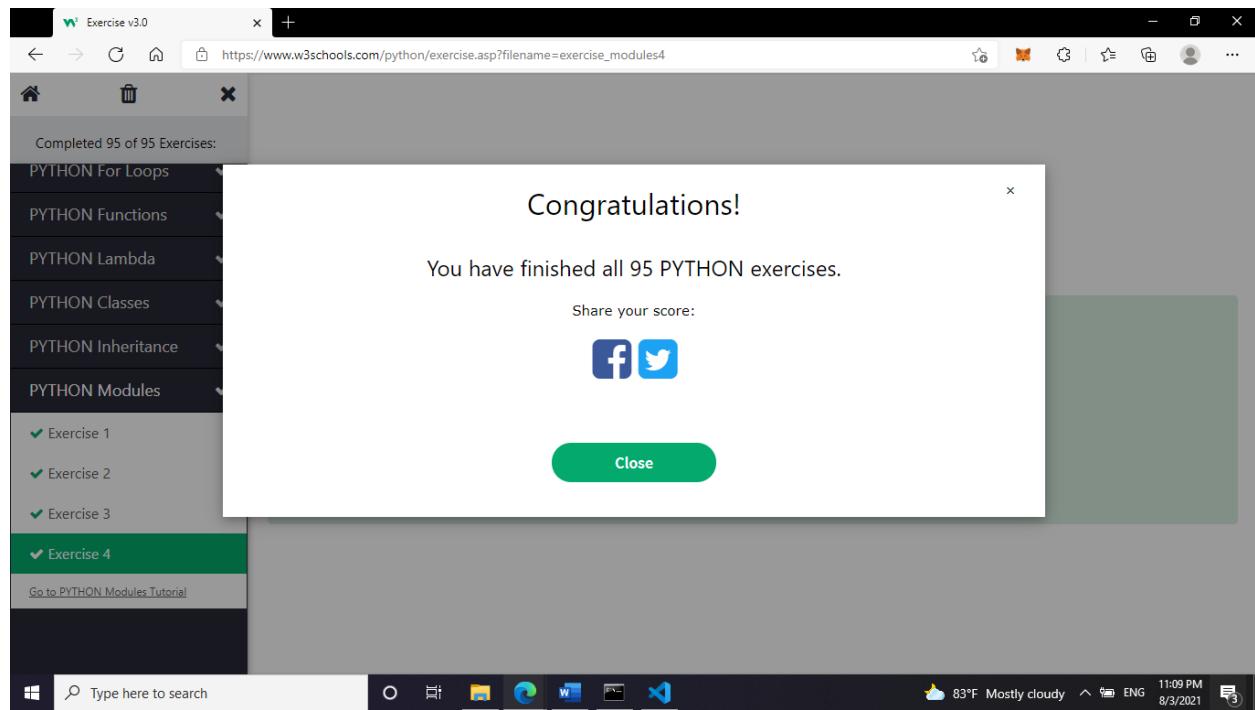
What is the correct syntax of importing only the person1 dictionary of the "mymodule" module?

```
from mymodule import person1
```

[Show Answer](#)

[Submit Answer >](#)





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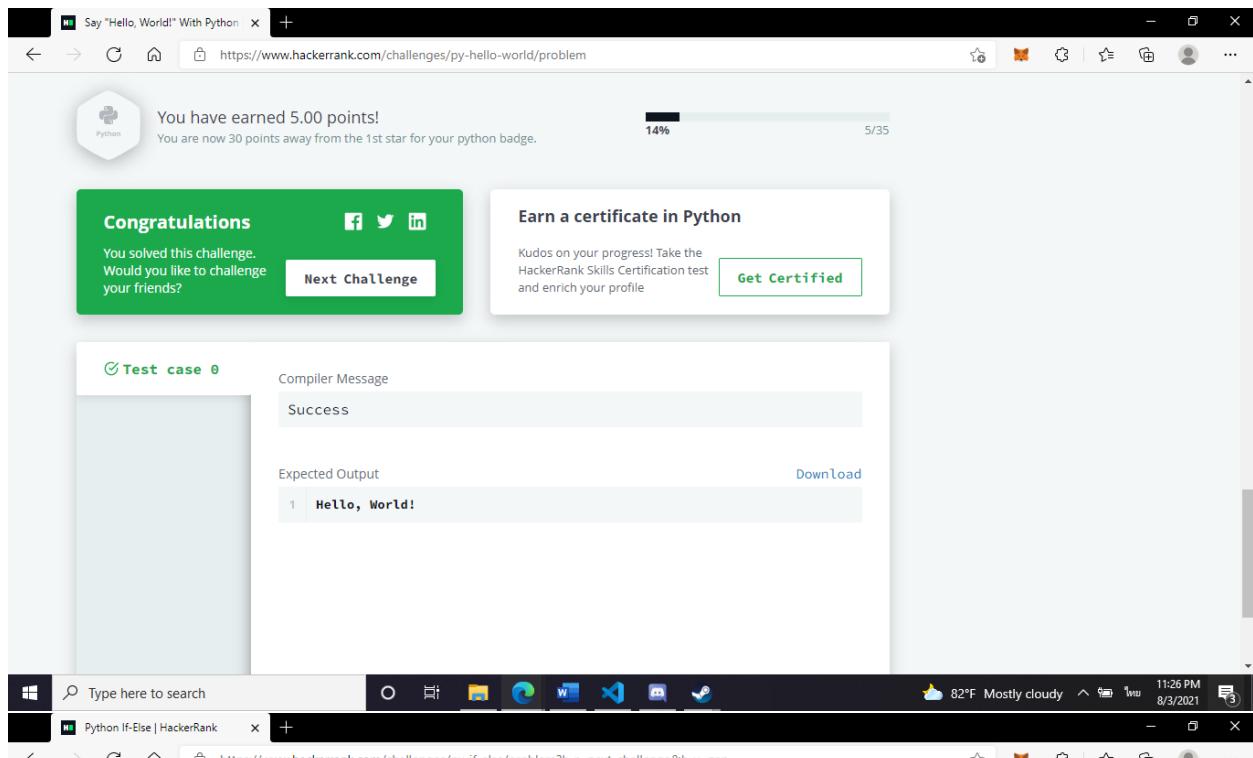
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Test case 0

Compiler Message  
Success

Expected Output  
Download  
1 Hello, World!



Type here to search

Python If-Else | HackerRank

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11:26 PM 8/3/2021

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Test case 0

Test case 1

Test case 2 ▾

Test case 3 ▾

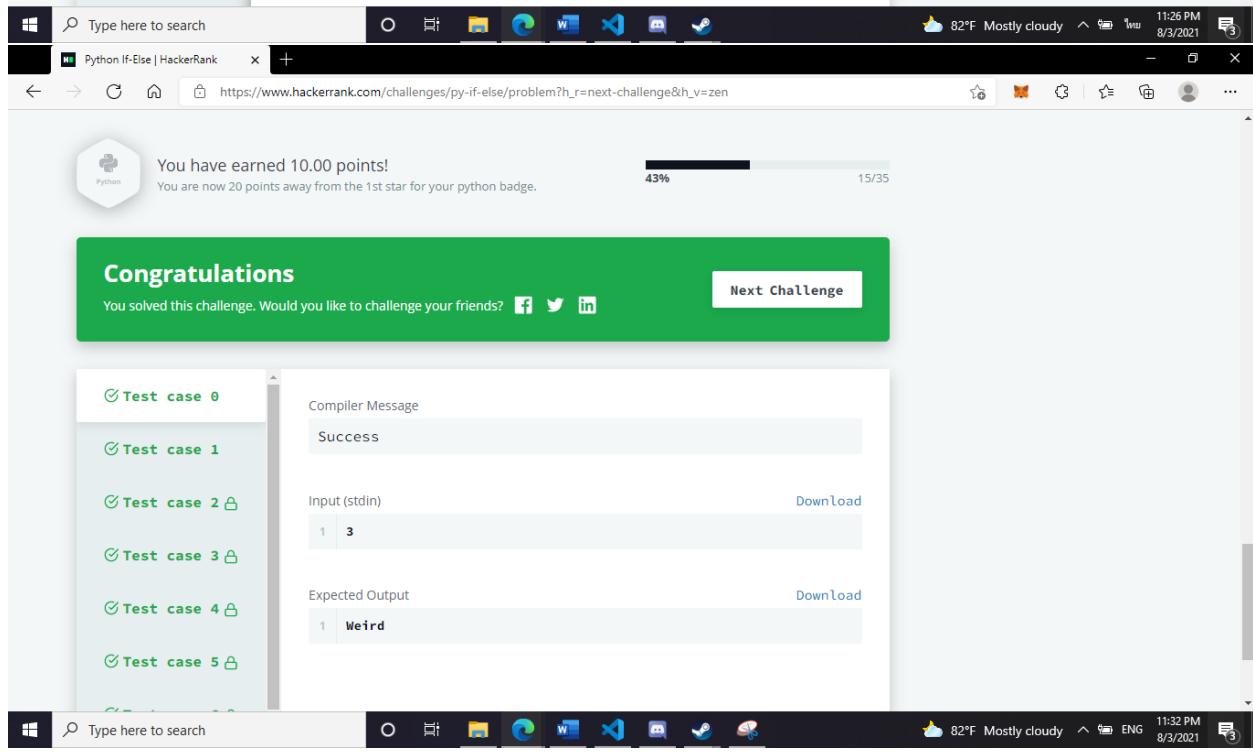
Test case 4 ▾

Test case 5 ▾

Compiler Message  
Success

Input (stdin)  
Download  
1 3

Expected Output  
Download  
1 Weird



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71% 25/35

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**Test case 0** Compiler Message Success

**Test case 1** Input (stdin) Download  
1 3  
2 2

Expected Output Download  
1 5  
2 1  
3 6

Windows taskbar: Type here to search, File Explorer, Edge, File Manager, Task View, Taskbar icons, 82°F Mostly cloudy, ENG, 11:43 PM, 8/3/2021

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0% 35/70

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**Test case 0** Compiler Message Success

**Test case 1** Input (stdin) Download  
1 4  
2 3

Expected Output Download  
1 1  
2 1.3333333333333333

Windows taskbar: Type here to search, File Explorer, Edge, File Manager, Task View, Taskbar icons, 82°F Mostly cloudy, ENG, 11:45 PM, 8/3/2021

Loops | HackerRank    How do I specify new lines on Py? | Python For Loops

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Test case 0 Compiler Message Success

Test case 1 Input (stdin) Download  
1 5

Expected Output Download  
1 0  
2 1  
3 4  
4 9  
5 16

Type here to search

Write a function | HackerRank

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Test case 0 Compiler Message Success

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Hidden Test Case  
Unlock this testcase for 5 hackos.  
[Unlock](#)

Type here to search

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Next Challenge

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Get Certified

Test case 0

Compiler Message  
Success

Test case 1

Test case 2

Input (stdin) Download  
1 3

Expected Output Download  
1 123

You have earned 10.00 points!  
You are now 25 points away from the 3rd star for your python badge.

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Next Challenge

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Get Certified

Test case 0

Compiler Message  
Success

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Input (stdin) Download  
1 1  
2 1  
3 1  
4 2

Expected Output Download  
1 [[0, 0, 0], [0, 0, 1], [0, 1, 0], [1, 0, 0], [1, 1, 1]]

You have earned 10.00 points!  
You are now 15 points away from the 3rd star for your python badge.

**Congratulations**

You solved this challenge.  
Would you like to challenge your friends?

**Next Challenge**

**Earn a certificate in Python**

Kudos on your progress! Take the HackerRank Skills Certification test and enrich your profile

**Test case 0** Success

**Test case 1** Success

**Test case 2** Success

**Test case 3** Success

**Test case 4** Success

**Test case 5** Success

Compiler Message: Success  
Input (stdin):  
1 5  
2 2 3 6 6 5  
Expected Output:  
1 5

You have earned 10.00 points!  
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**Next Challenge**

**Earn a certificate in Python**

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**Test case 0** Success

**Test case 1** Success

**Test case 2** Success

**Test case 3** Success

**Test case 4** Success

**Test case 5** Success

Compiler Message: Success

**Hidden Test Case**  
Unlock this testcase for 5 hacks.  
**Unlock**