Bookmark 5 best Python programming learning websites

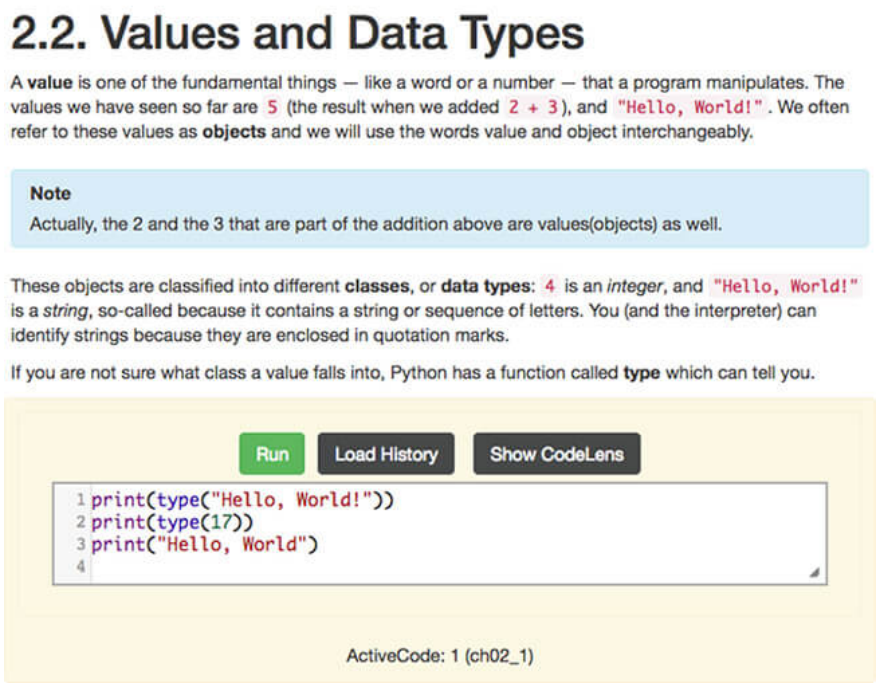
If you are a developer or you are studying and want to stick with this industry, learn Python to add a highlight in your journey.

In the past few years, Python has proved its attraction with the explosion of popularity in the field of computer science. From website developers to game designers, from data scientists to creators, artificial intelligence research, everyone has a bit of a 'crush on' Python. Why is that? The answer is simple, Python is conquering the IT industry with its advantages, which is easy to learn, easy to install and easy to deploy. Some researchers also consider that using Python is "more fun and more creative."

If you are a developer or you are studying and want to stick with this industry, learn Python to add a highlight in your journey.

TipsMake.com would like to introduce some of the best resources to learn Python online, most of them are completely free. For optimal results, it is recommended to use all of these sites because each website has certain advantages that will help you. Let's follow it!

1. How to Think Like a Computer Scientist



2.2. Values and Data Types

A **value** is one of the fundamental things — like a word or a number — that a program manipulates. The values we have seen so far are `5` (the result when we added `2 + 3`), and `"Hello, World!"`. We often refer to these values as **objects** and we will use the words value and object interchangeably.

Note
Actually, the 2 and the 3 that are part of the addition above are values(objects) as well.

These objects are classified into different **classes**, or **data types**: `4` is an *integer*, and `"Hello, World!"` is a *string*, so-called because it contains a string or sequence of letters. You (and the interpreter) can identify strings because they are enclosed in quotation marks.

If you are not sure what class a value falls into, Python has a function called **type** which can tell you.

Run | Load History | Show CodeLens

```
1 print(type("Hello, World!"))
2 print(type(17))
3 print("Hello, World")
4
```

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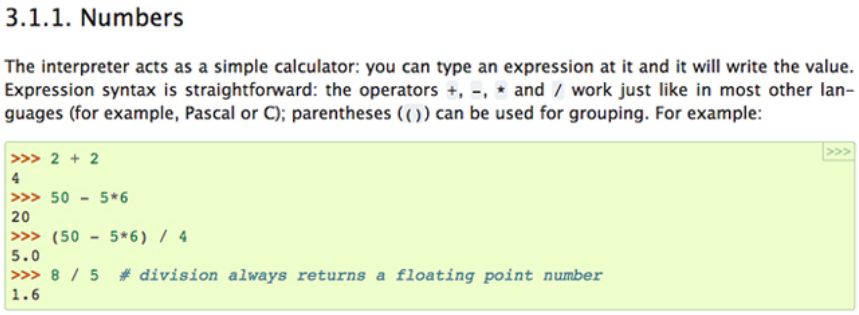
Rated as one of the best online Python tutorials, **How to Think Like a Computer Scientist - How to think like a computer scientist** is a great interactive website. The lessons here not only teach how to use the Python programming language but also teach you how to think and think from a programmer's perspective. If you are 'newbie' in programming, this site is definitely an invaluable resource for you.

However, you should note, learning how to think like a computer scientist will require yourself to have a great change in psychology, thinking, and thinking. Capturing this change may be easy for some people but difficult for others. However, as long as you persevere, everything will be fine. Once you have learned how to think like a computer scientist, you will also be able to learn other programming languages ??easily.

1. How to 'survive' with the stress of learning programming

2. The official website of Python



3.1.1. Numbers

The interpreter acts as a simple calculator: you can type an expression at it and it will write the value. Expression syntax is straightforward: the operators `+`, `-`, `*` and `/` work just like in most other languages (for example, Pascal or C); parentheses (`()`) can be used for grouping. For example:

```
>>> 2 + 2
4
>>> 50 - 5*6
20
>>> (50 - 5*6) / 4
5.0
>>> 8 / 5  # division always returns a floating point number
1.6
```

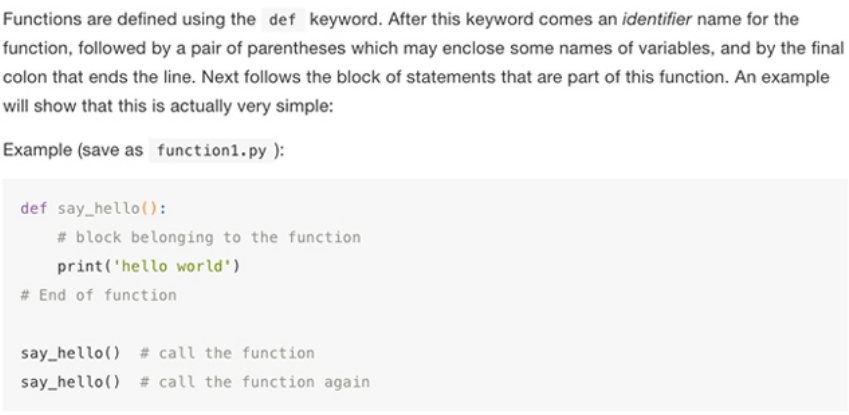
Where can Python learn better than **the official website** ? It is the language creators who have created a complete and useful guide that helps you learn Python from the most basic knowledge of the language.

The advantage of this tutorial is that the lectures are very thorough, digging into each specific concept so that learners can receive knowledge from many perspectives, making sure you really understand before continuing

with new issues. . The simple and pleasant website format makes the whole learning experience here extremely comfortable.

However, if you already have a certain background in programming, this guide may be too slow and easy to get boring. If you are a new person, then you will see this as an indispensable knowledge resource in your journey.

3. A Byte of Python



Functions are defined using the `def` keyword. After this keyword comes an *identifier* name for the function, followed by a pair of parentheses which may enclose some names of variables, and by the final colon that ends the line. Next follows the block of statements that are part of this function. An example will show that this is actually very simple:

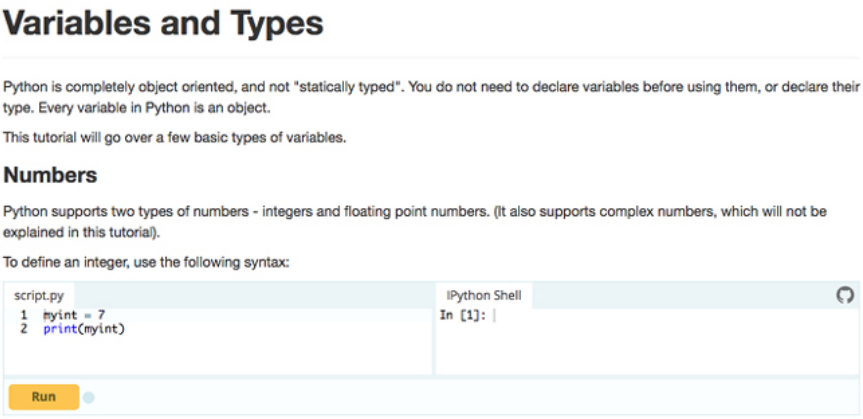
Example (save as `function1.py`):

```
def say_hello():
    # block belonging to the function
    print('hello world')
# End of function

say_hello()  # call the function
say_hello()  # call the function again
```

The **A Byte of Python** tutorial series is suitable for those who want to learn this language and have had some previous programming experience. The first part of the lecture will guide you through the steps needed to set up the Python interpreter on your computer, which can be a complicated process for newbie but with 'bad', it should not be a problem. What topic.

One drawback of this site is the relatively fast lectures. If you can keep up, A Byte of Python you can learn a lot from this document. If not, try the web guide above, when it is clearer, go back and continue with this web.

4. LearnPython



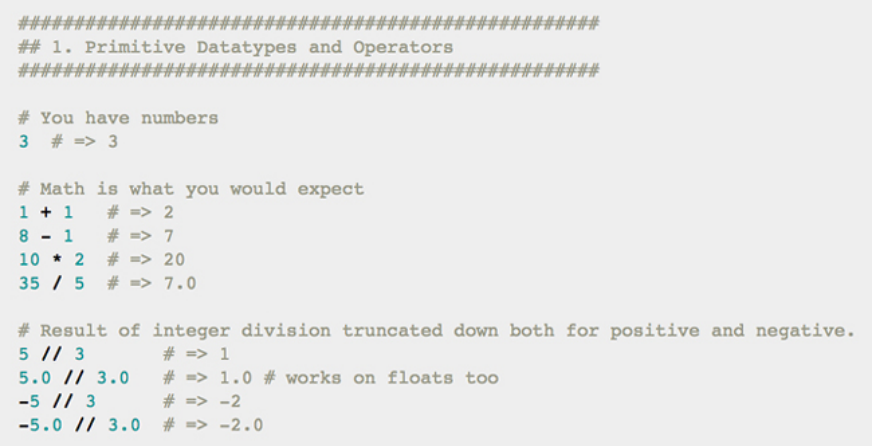
Unlike the Python tutorial sites listed above, **LearnPython is** quite cool because it integrates a Python online interpreter right on the website. This utility helps you learn and practice immediately without installing Python

on your device.

Of course, even though before and after, you'll still have to install an interpreter on your computer if it's really serious about Python. But we are still quite interested in LearnPython because here you can try to test your relevance to the language before investing too much time. Python programming exercises at the end of each lesson are also quite useful.

1. 5 choose the best Python IDE for you

5. Learn X in Y Minutes: Python 3



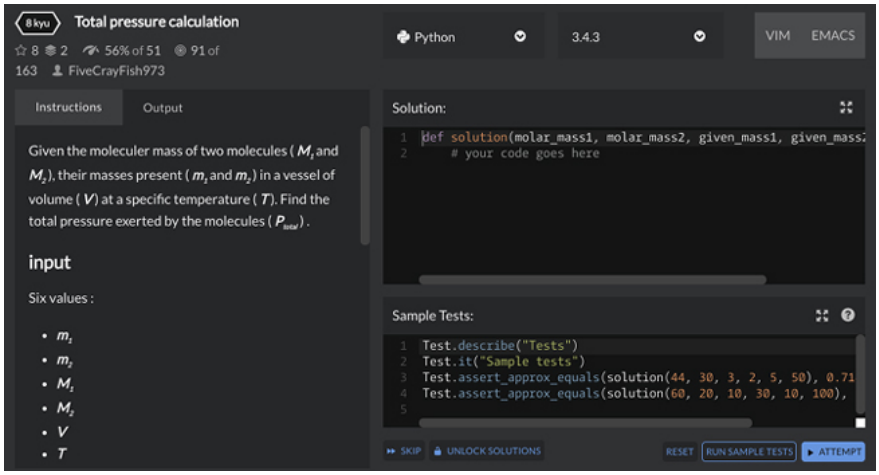
```
################################################
## 1. Primitive Datatypes and Operators
################################################

# You have numbers
3  # => 3

# Math is what you would expect
1 + 1   # => 2
8 - 1   # => 7
10 * 2  # => 20
35 / 5  # => 7.0

# Result of integer division truncated down both for positive and negative.
5 // 3       # => 1
5.0 // 3.0   # => 1.0 # works on floats too
-5 // 3      # => -2
-5.0 // 3.0  # => -2.0
```

Finally in the list is **Learn X in Y Minutes: Python 3** . This website is for you if you have a lot of programming experience and know how to think like a programmer but are new in Python. Learn X in Y Minutes is very suitable for you to quickly grasp the actual syntax of this language.

This tutorial is short, easy to understand, so it is worth it to bookmark and come back whenever you forget a certain aspect of Python.

1. Open source Python projects for beginners

Bonus: CodeWars



CodeWars is not a web guide but a place for you to test your programming knowledge. CodeWars includes hundreds of different coding challenges, known as 'katas', you need to use what you learn from the tutorial sites in the article and apply them to practice.

Katas on CodeWars are categorized by difficulty and come with some guidelines, so you will definitely learn a lot when going through each challenge. When you finish the katas, you will "level up" and have access to the harder katas. The great thing about CodeWars is that you can compare your solution and others' solutions, which will greatly boost your learning.

1. The 'battlefield code' and job opportunities for you

Although there is a relatively short learning curve, Python is a powerful language that can be used in many applications. Python's popularity has increased in recent years and there has been no sign of decline. So what are you waiting for but haven't tried it yet? Good luck!

You finished reading the article "**Bookmark 5 best Python programming learning websites**" edited by the **TipsMake** team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.