

Python Variables

Variables in Python are reserved memory locations and do not work like variables in Java, or C. They aren't declared in the same way. You only need to assign a value to a variable in Python, for declaration and that's it! In this lesson, we will learn about Python Variables.

Here are some examples,

The = is used to assign a value to a variable. Here we have 3 variables, **val1**, **val2** and **val3**,

```
val1 = 6;
val2 = 10;

#sum
val3 = val1 + val2;

print val3;
```

Let us compare Java with Python for the same example. In Java, you need to follow a lengthy process of using datatype,

```
int a = 10;
float b = 3.5;
int sum = 0;

// sum
sum = a + b;
System.out.println("Output: ",+sum);
```

Let us now see an example of integer and float assignment in Python,

```
score = 70
player = "Jacob"

# integer
print (score)
```



```
# string  
print (player)
```

The following is the output,

```
D:\MyPython>python studyopedia.py  
70  
Jacob  
  
D:\MyPython>
```

In this lesson, we learned how to work with Variables in Python.

