

Variables

| | |
|-------------------------------|---|
| foo = 'Apples' | val foo = "Apples" |
| baz = foo + ' and oranges' | val baz = foo + ' and oranges' |
| baz = "Only Grapes" | Vals are immutable in Scala. Create a var instead |
| one = 1 | var one = 1 |
| one += 1 | one += 1 |
| foo, bar = [1, 2, 3], [1,2,3] | val foo, bar = Array(1, 2, 3) |
| foo[0] = 4 #Changes only foo | bar(0) = 4 // changes only bar |
| foo.__add__(4) | foo.+(1) |

Credits to :

<http://wrobstory.gitbooks.io/python-to-scala/content/variables/README.html>

Control Statements

| | |
|--------------------------|--------------------------------|
| foo = 1 if x > 0 else -1 | val foo = if (x > 0) 1 else -1 |
|--------------------------|--------------------------------|

```
if x == 0:
    baz = 5
```

```
if (x == 0) {
    baz = 5
}
```

```
if (foo.isInstanceOf[String]) {
    print("Foo is a string!")
} else if (foo.isInstanceOf[Int]) {
    print("Foo is an int!")
} else {
    print("I dont know what foo is...")
}
```

```
while (n < 5) { nlist += n n += 1 }
```



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