

## Python Cheat Sheet

by waacton1 via cheatography.com/57256/cs/15134/

Bool

True False

0

empty

Non Empty

nothing

| Variables                               |               |
|---|---------------|
| Integer                                 | age = 45      |
| Float                                   | rate = 1.5    |
| String                                  | name = "Andy" |
| del age (would delete the variable age) |               |

| Variables -Syntax                 |
|-----------------------------------|
| Lower case                        |
| Start with letter                 |
| Use underscore                    |
| No spaces                         |
| Strings can use ' ' or " " quotes |

| Variable Conversion              |                   |                 |  |
|----------------------------------|-------------------|-----------------|--|
| int(rate)                        | rate to integer   | 5.2 to 5        |  |
| float(age)                       | age to float      | 45 to<br>45.0   |  |
| str(age)                         | age to string     | 45 to "-<br>45" |  |
| round(.5425)                     | Rounds the number | .5425 to<br>5   |  |
| Division gives you a float value |                   |                 |  |

| Strings can use ' ' or " " quotes |                   |                 |  |
|-----------------------------------|-------------------|-----------------|--|
| Variable Conv                     | ersion            |                 |  |
| int(rate)                         | rate to integer   | 5.2 to 5        |  |
| float(age)                        | age to float      | 45 to<br>45.0   |  |
| str(age)                          | age to string     | 45 to "-<br>45" |  |
| round(.5425)                      | Rounds the number | .5425 to<br>5   |  |

| Operand |              |                      |  |  |
|---------|--------------|----------------------|--|--|
| +       | Add          |                      |  |  |
| -       | Subtract     |                      |  |  |
| *       | Multiply     |                      |  |  |
| /       | Divide       |                      |  |  |
| +=      | Add And      | Add 5 to age         |  |  |
| -=      | Subtract And | Subtracts 5 from age |  |  |
| /=      | Divide And   | Divide by 5          |  |  |
| ==      | Equals       |                      |  |  |
| !=      | Not Equals   |                      |  |  |
| >=      | Greater than | Equal to             |  |  |
| <=      | Less than    | Foual to             |  |  |

| Strings  |  |
|--|--|
| Must be within matching quotes.                    |  |
| Put double quotes if you have an ' in the sentence |  |
| Use """ if you have double quote in sentence       |  |
|  |  |

| The state of the s |
|--|
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