

# Lesson 2 – Working with Numbers

Click **Run** then **Python Shell**



Python is also a powerful calculator, go back to the shell mode and type in 1+1.

What happens?

You are going to complete some calculations. Python is a powerful calculator. Complete the table below using python.

|  |  |  |
| --- | --- | --- |
| **Equation** | **Answer** | **What does it do?** |
| 9876+3456 |  |  |
| 56432/89 |  |  |
| 88856-3456 |  |  |
| 89\*300 |  |  |
| 3==6 |  |  |
| 3==3 |  |  |
| 2!=8 |  |  |
| 2!=2 |  |  |
| round (2.6789,2) |  |  |
| pow (2,2) |  |  |
| min (2,34,5,1,56) |  |  |
| max (56,67,23,11) |  |  |

**Extension**

Challenge Python to calculate the most complex sum you can think of.

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# Counting Calories

We are going to write a simple program to ask someone how many calories they have eaten today and return the calories they have left to eat. Below is a table that shows how many calories a boy and girl should eat daily.

|  |  |  |
| --- | --- | --- |
| **Age** | **Boys** | **Girls** |
| 11–14 | 2,220 | 1,845 |
| 15–18 | 2,755 | 2,110 |

**Type the following code in a new window:**

**print ("Welcome to the calorie counter")**

**c = int(input("How many calories have you eaten today?"))**

**s = int(2220)**

**s = s - c**

**print ("You can eat", s, "calories today")**

* Save the code and click **Run**, then **Run Module**.

What does the code do?

Make another program to….

1. To make calculate if you are eating 5 pieces of fruit or veg each day.
2. Save it as **MY5ADAY**
3. Upload to the [SUP](http://www.canyoucompute.co.uk/contact.html)

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