0.1 Plain text

Here is some plain text. Now we add some python code with output:

```
total = 0
for number in range(10):
   total = total + (number + 1)
print(total)
```

```
55
```

And some data

```
time,count
60,10000
90,25587
120,76327
150,212715
180,619511
210,1940838
240,4240760
270,13993730
300,38971086
330,105614040
```

```
---------------------------------------------------------------------------
NameError                                 Traceback (most recent call last)
<ipython-input-3-ba646fa42c88> in <module>
----> 1 time,count
      2 60,10000
      3 90,25587
      4 120,76327
      5 150,212715
```

0.2 Explanation

Let's explain some of this code (setting the code to be unexecutable): The `for` loop:

```
for number in range(10):
   total = total + (number + 1)
```

Goes through numbers 0 to 9 and adds 1 more than each number to the `total` variable.

0.3 Table

The data on exponential growth can be found in the table below.

time	count
60	10000
90	25587
120	76327
150	212715
180	619511
210	1940838
240	4240760
270	13993730
300	38971086
330	105614040

0.4 Figure

See figure 1 for an illustration that explains the python dictionary concept. The figure was taken from Wikimedia Commons.

0.5 Math

Now we add some mathematical formula:

$$K_n = rwTK_{n-1}\left(1 - \frac{K_{n-1}}{H}\right) - K_{n-1}.$$

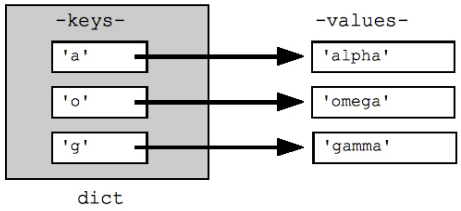

Figure 1: Data structure concept of a dictionary in python.