



Extra Material: Random Numbers

How to Generate Random Numbers on your Raspberry Pi!

Generating a Random Integer

Generating random numbers is a fairly simple process. The Python language comes with a built-in function (mini-program) that generates random numbers just for us! Let's try this out:

```
import random

lucky_lottery = random.randint(1,101)

print(lucky_lottery)
```

The function `random.randint(1,101)` above will generate a random number between 1 and 100 for us! In our particular function, we assign that random number to the variable `lucky_lottery`, then `print` out that final value for `lucky_lottery`.

Generating a Random Decimal

The following is a very similar program to the one above that allows us to generate a random decimal value between 0 and 1, rather than a random integer value.

```
import random

lucky_lottery = random.random()

print(lucky_lottery)
```