

## Randomness

Python provides the function `randint(min,max)` which returns a random number between min and max inclusive.

`randint` is part of a module called "random". A module is a library of code that Python provides. You can make use of any library by putting an import statement at the top of your program, e.g.,

```
import random
```

After importing the module, you can call any of its functions using the format, 'moduleName.functionName', e.g.,

```
number = random.randint(0,10)
```

In this case, 'random' is the module name, and 'randint' is the function name.

Let's play around with `randint` by writing a loop that calls it and prints the result:

```
import random
```

```
i=0
```

```
while i<20:
```

```
    number = random.randint(0,5)
```

```
    print number
```

```
    i=i+1
```

What is printed?

Note that the `randint` function isn't exactly what you need to get a 'secret code' consisting of four colors. But you can use it, and do some coding work on your own to convert each random integer to a corresponding color (e.g., 'red').