Goroutines and concurrency, part 2

Review: the main idea

Goroutines send/receive messages to/from **channels**.

A channel has a queue of messages.

- when full, send operations block
- when empty, receive operations block

Channel operations

```
make(chan T, n)
```

- make(<-chan T, n) makes a receive-only channel
- make(->chan T, n) makes a send-only channel

```
x := <-c
```

```
c <- x
```

Another operation:

```
select {
        case x1 := <-c1:
                ...
        case x2 <-c2:
                ...
        :
        case xn := <-cn:
                ...
        default:
                ...
}
```