Python

Flow Control

If

Logicals

Combining logicals

Nonlogical inputs

If else

If elif else

Vectorization (ifelse in r)

Game of dice

```r
wallet <- 10
dice <- sample(1:6, 3, replace=TRUE)
if (length(unique(dice)) == 3)
{
wallet <- wallet + 1
} else {
wallet <- wallet - 3
}
wallet
```

While loops

For loops

For loops over data

List comprehension

List comprehension + if statements

Implicit loops (apply in r)