

Lists/Strings

Pyret

```
words = [list: "cat", "potato", "yarn", "noodle", "fern"]
length(words)
member(words, "cat") # true
member(words, "dog") # false
string-contains("cat", "at")
filter(lam(w): string-contains(w, "a") end, words)
```

Python

Summing a list

Order of computation in Pyret

```
num-1st = [list: 3, 7, 5]

sum(num-1st) will be
3 + sum([list: 7, 5])
  7 + sum([list: 5])
    5 + sum([list: ])
      0
```

Order of computation in Python

Code in Python

