

```
fun sum(numlist :: List<Number>) -> Number:
  doc: "sums numbers in list"
  cases (List) numlist:
    | empty => 0
    | link(fst, rst) => fst + sum(rst)
  end
end
```

```
fun len(strlist :: List<String>) -> Number:
  doc: "counted strings in a list"
  cases (List) strlist:
    | empty => 0
    | link(fst, rst) => 1 + len(rst)
  end
end
```