数据库概论作业 6

23.11.27

15.4

```
 1  function map(record) {
 2      value = (record, context.relname())
 3      emit(record.A, value)
 4  }
 5
 6  function reduce(A, list) {
 7      for each (r1, name1) in list:
 8          for each (r2, name2) in list:
 9              if name1 == "r" && name2 == "s":
10                  record = natural_join(r1, r2)
11                  output(record)
12  }
```

15.18

```
 1  function map(line) {
 2      id = context.getDocumentID()
 3      for each word in line:
 4          emit(word, id)
 5  }
 6
 7  function reduce(word, list) {
 8      output(word, list.join(", "))
 9  }
```