

```

1 mconn = MongoClient("mongodb://localhost:27017")
2 db = mconn['bizarre']
3 db.baskets.drop()
4 db.truths.drop()
5 db.questions.drop()
6
7 db.questions.insert_one({'What':'really','goes':'into','a':'peep','?':'!'})
8 db.questions.insert_one({'or':'for','that':'matter','a':'starburst','!':'?'})
9 db.baskets.insert_many([
10     {'child':'Stacy',
11      'age':9,
12      'chocolates': { 'kisses':4, 'reeses':6, 'kit kats':2 },
13      'non-chocolates': { 'jelly beans':24, 'peeps':12 },
14      'extras' : [ 'daisies', 'costume jewelry', 'chapstick', 'wristband' ]
15     },
16     {
17         'child':'Timmy',
18         'age':9,
19         'chocolates': { 'kisses':6, 'kit kats':4 },
20         'non-chocolates': { 'jelly beans':30, 'peeps':4, 'warheads':4 },
21         'extras' : [ 'water pistol', 'action figure', 'deodorant' ]
22     })
23 db.truths.insert_one({
24     'a': 'He is risen!',
25     'b': 'He is risen indeed!'
26 })
27 db.questions.insert_many([{'Where':'do'}, {'they':'grow'}, {'fake':'grass'}])
28 db.baskets.insert_one({
29     'child':'Goofus',
30     'age': 13,
31     'chocolates': { 'kit kats':12, 'three musketeers':4 },
32     'non-chocolates': { 'licorice':8, 'starburst':12 },
33     'extras' : [ 'puzzle book', 'ninja star', 'flashlight', 'chapstick' ]
34 })
35 db.questions.insert_many([
36     {'Are':'jelly', 'beans':'really'}, {'made':'out', 'of':'jelly'}])
37
38 sunrise = db.questions.count_documents(
39     {'$or':[{'fake':{'$exists':0}},
40             {'beans':{'$exists':1}},{'jelly':{'$exists':1}}])
41
42 lily = list(db.questions.find(
43     {'or':{'$exists':1}}).skip(0).limit(1))
44 bunny = db.truths.find().next()['b'][9]
45 lily = lily[0]['a'][0:4]
46 sunday = list(db.baskets.aggregate([
47     {'$group':{'_id':'$age','morning':{'$avg':'$chocolates.kit kats'}}},
48     {'$sort':{'_id':-1}}]))
49 service = sunday[-1]['morning']
50
51 morning = db.baskets.find({'extras':'chapstick'}).sort([('age',-1)].next()
52
53 spring = morning['extras'][int(sunrise)-int(service)][1:4]
54 breeze = db.questions.find({'?':{'$exists':1}}).next()['a'][0:3]
55
56 print(f"{spring}{breeze} {bunny}-{lily}")

```