

HOMEWORK: HOMEWORK 3.1

Start a `mongod` server instance (if you still have a replica set, that would work too).

Next, download the handout and run:

```
mongo --shell localhost/performance performance.js
```

```
homework.init()
```

Build an index on the "active" and "tstamp" fields. You can verify that you've done your job with

```
db.sensor_readings.getIndexes()
```

When you are done, run:

```
homework.a()
```

and enter the numeric result below (no spaces).

Note: if you would like to try different indexes, you can use `db.sensor_readings.dropIndexes()` to drop your old index before creating a new one. (For this problem you will only need one index beyond the `_id` index which is present by default.)