

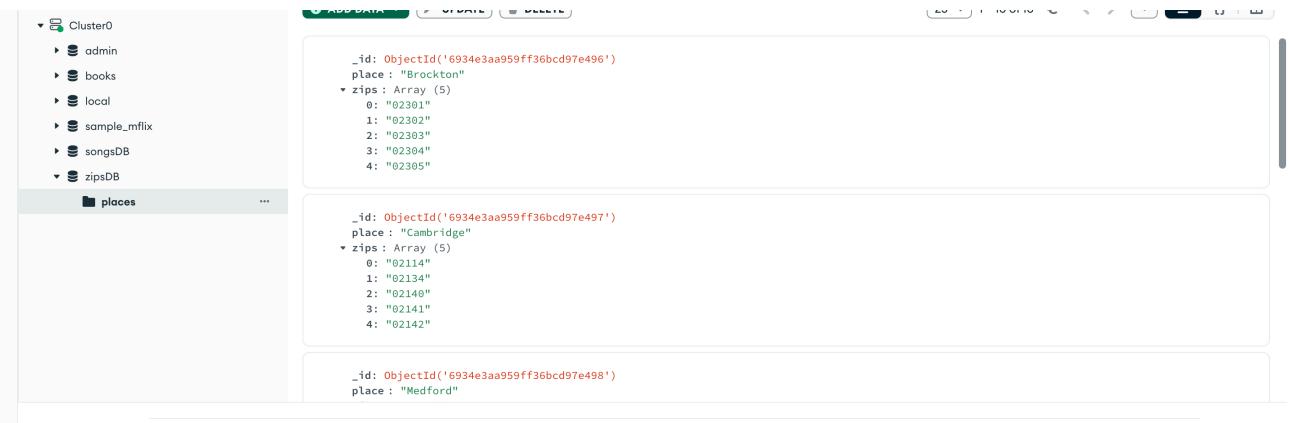
### Web App 1:

- Link to demo video online app 1 video

<https://docs.google.com/videos/d/1yR6CCTP0knr8Azc-gu7QfsLuOdlASrhq4ql8cLxPoNQ/edit?usp=sharing>

- All .js files zipped as app1.zip

- Screen shot of populated database



```

Cluster0
  - admin
  - books
  - local
  - sample_mflix
  - songsDB
  - zipsDB
  - places ...
  ...

places
  ADD DATA | CREATE | DELETE | ...
  _id: ObjectId('6934e3aa959ff36bcd97e496')
  place : "Brockton"
  zips : Array (5)
    0: "02301"
    1: "02302"
    2: "02303"
    3: "02304"
    4: "02305"

  _id: ObjectId('6934e3aa959ff36bcd97e497')
  place : "Cambridge"
  zips : Array (5)
    0: "02114"
    1: "02134"
    2: "02140"
    3: "02141"
    4: "02142"

  _id: ObjectId('6934e3aa959ff36bcd97e498')
  place : "Medford"

```

- Copy/paste below results from the console

```

Reading CSV and building place objects...
Added place: Brockton with zip 02301
Updated place: Brockton, added zip 02302
Updated place: Brockton, added zip 02303
Updated place: Brockton, added zip 02304
Updated place: Brockton, added zip 02305
Added place: Cambridge with zip 02114
Updated place: Cambridge, added zip 02134
Updated place: Cambridge, added zip 02140
Updated place: Cambridge, added zip 02141
Updated place: Cambridge, added zip 02142
Added place: Medford with zip 02145

```

Updated place: Medford, added zip 02153  
Updated place: Medford, added zip 02155  
Updated place: Medford, added zip 02156  
Added place: Somerville with zip 02129  
Updated place: Somerville, added zip 02141  
Updated place: Somerville, added zip 02143  
Updated place: Somerville, added zip 02144  
Updated place: Somerville, added zip 02145  
Added place: Burlington with zip 01803  
Added place: Reading with zip 01867  
Added place: Milton with zip 02186  
Added place: Westwood with zip 02090  
Added place: Norwood with zip 02062  
Added place: Hull with zip 02045

Total unique places: 10

Connecting to MongoDB...  
Clearing old data...  
Uploading data to MongoDB...  
Upload complete!  
DB: zipsDB, Collection: places

## Web App 2:

- URL of app working online <https://web2-qfyd.onrender.com/>
- Check if the app writes to the console plus the server

```
User input: Cambridge
Searching by Place...
DB Result: {
  _id: new ObjectId('6934e700b782c55570b2b1e9'),
  place: 'Cambridge',
  zips: [ '02114', '02134', '02140', '02141', '02142' ]
}
```

```
User input: 02155
Searching by ZIP...
DB Result: {
  _id: new ObjectId('6934e700b782c55570b2b1ea'),
  place: 'Medford',
  zips: [ '02145', '02153', '02155', '02156' ]
}
```

- Link to demo video online app2 video  
[https://docs.google.com/videos/d/198XPhHaKA6G\\_tmnLb\\_07bPu1MnE46RYpwWVg545yHcY/edit?usp=sharing](https://docs.google.com/videos/d/198XPhHaKA6G_tmnLb_07bPu1MnE46RYpwWVg545yHcY/edit?usp=sharing)
- All .js files zipped as app2.zip

## Answer question:

Which do you prefer: node.js or php?

Explain your preference:

I prefer Node.js because it is lightweight, high-performance, and great for real-time interaction.