

Day_5:

VS Code interface showing a REST client request to `https://www.thunderclient.com/welcome`. The request is a GET method. The response is a JSON object with status 200 OK, size 429 Bytes, and time 1.36 s. The JSON content is displayed in the right pane.

```
GET https://www.thunderclient.com/welcome
```

Query Headers² Auth **Body¹** Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content

```
92      _type: 'reference',
93      _ref: catRef
94    } : undefined,
95    tags: product.tags || [],
96    quantity: 50,
97    image: imageRef ? {
98      _type: 'image',
99      asset: {
100        _type: 'reference',
101        _ref: imageRef
102      }
103    } : undefined,
104    description: product.description ||
105      "Default product description",
106    features: product.features || ["Premium
107      material", "Handmade upholstery"],
108    dimensions: product.dimensions || {
109      _type: 'dimensions',
110      height: "110cm",
111      width: "75cm",
112      depth: "50cm"
113    }
114  }
```

Status: 200 OK Size: 429 Bytes Time: 1.36 s

Response Headers¹³ Cookies Results Docs {} ≡

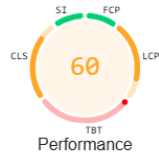
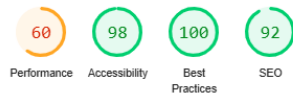
```
1 {
2   "message": "Welcome to Thunder Client",
3   "about": "Lightweight Rest API Client for VSCode",
4   "createdBy": "Ranga Vadhineni",
5   "launched": 2021,
6   "features": {
7     "git": "Save data to Git Workspace",
8     "themes": "Supports VSCode Themes",
9     "data": "Collections & Environment Variables",
10    "testing": "Scriptless Testing",
11    "local": "Local Storage & Works Offline"
12  },
13  "supports": {
14    "graphql": true,
15    "codeSnippet": true,
16    "requestChaining": true,
17    "scripting": true
18  }
19 }
```

Copy

Error Invalid Json - Line: 1

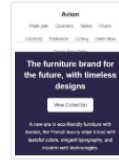
Status: 200 OK Size: 429 Bytes Time: 1.36 s

Response Headers¹³ Cookies Results Docs {} ≡



Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

▲ 0-49 ■ 50-89 ● 90-100



METRICS

Expand view

● First Contentful Paint
1.0 s

■ Largest Contentful Paint
3.0 s

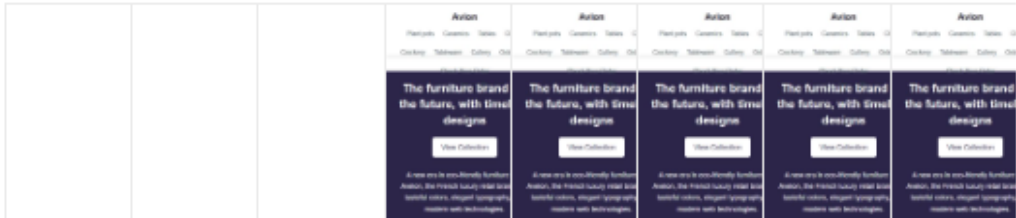
▲ Total Blocking Time
3,340 ms

■ Cumulative Layout Shift
0.129



● Speed Index
2.8 s

 [View Treemap](#)



Show audits relevant to: [All](#) [FCP](#) [LCP](#) [TBT](#) [CLS](#)

DIAGNOSTICS

- ▲ Minimize main-thread work — 6.2 s
- ▲ Avoid large layout shifts — 1 layout shift found
- ▲ Reduce JavaScript execution time — 3.1 s
- ▲ Largest Contentful Paint image was lazily loaded
- ▲ Reduce initial server response time — Root document took 1,150 ms
- ▲ Largest Contentful Paint element — 2,980 ms

▲ Largest Contentful Paint image was lazily loaded	▼
▲ Reduce initial server response time — Root document took 1,150 ms	▼
▲ Largest Contentful Paint element — 2,980 ms	▼
▲ Minify JavaScript — Potential savings of 5 KiB	▼
▲ Reduce unused JavaScript — Potential savings of 65 KiB	▼
▲ Page prevented back/forward cache restoration — 4 failure reasons	▼
■ Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB	▼
○ Avoid long main-thread tasks — 9 long tasks found	▼
○ Avoids enormous network payloads — Total size was 1,640 KiB	▼
○ Avoids an excessive DOM size — 189 elements	▼

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

PASSED AUDITS (25)

Show

http://localhost:3000/



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Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

NAVIGATION

▲ Heading elements are not in a sequentially-descending order

These are opportunities to improve keyboard navigation in your application.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (23)

Show

NOT APPLICABLE (33)

Show



100

Best Practices

TRUST AND SAFETY

- Ensure CSP is effective against XSS attacks

GENERAL

- ▲ Missing source maps for large first-party JavaScript

PASSED AUDITS (14)

Show

NOT APPLICABLE (2)

Show



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SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on [Core Web Vitals](#), [Learn more about Google Search Essentials](#).

CRAWLING AND INDEXING

- ▲ robots.txt is not valid Lighthouse was unable to download a robots.txt file

To appear in search results, crawlers need access to your app.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (8)

Show

NOT APPLICABLE (1)

Show

Captured at Feb 6, 2025, 3:01 AM GMT+5

Initial page load

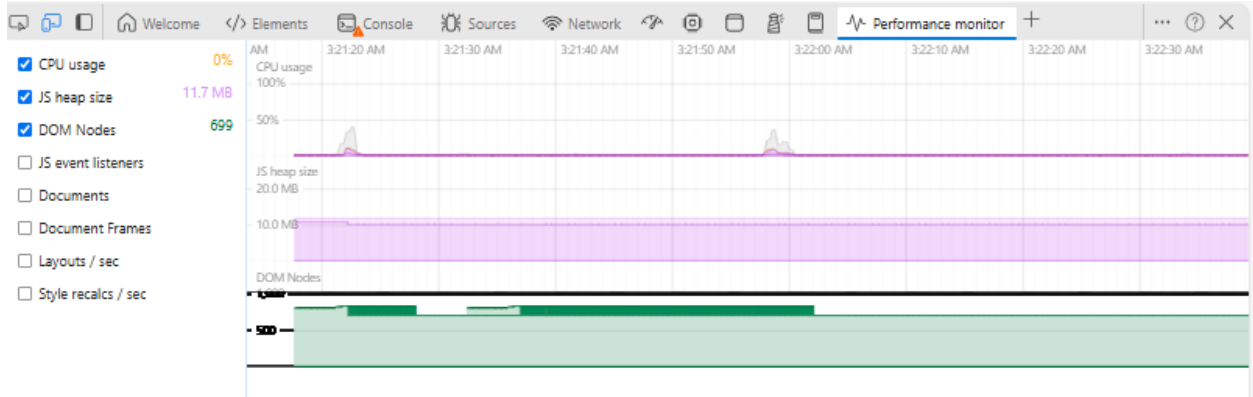
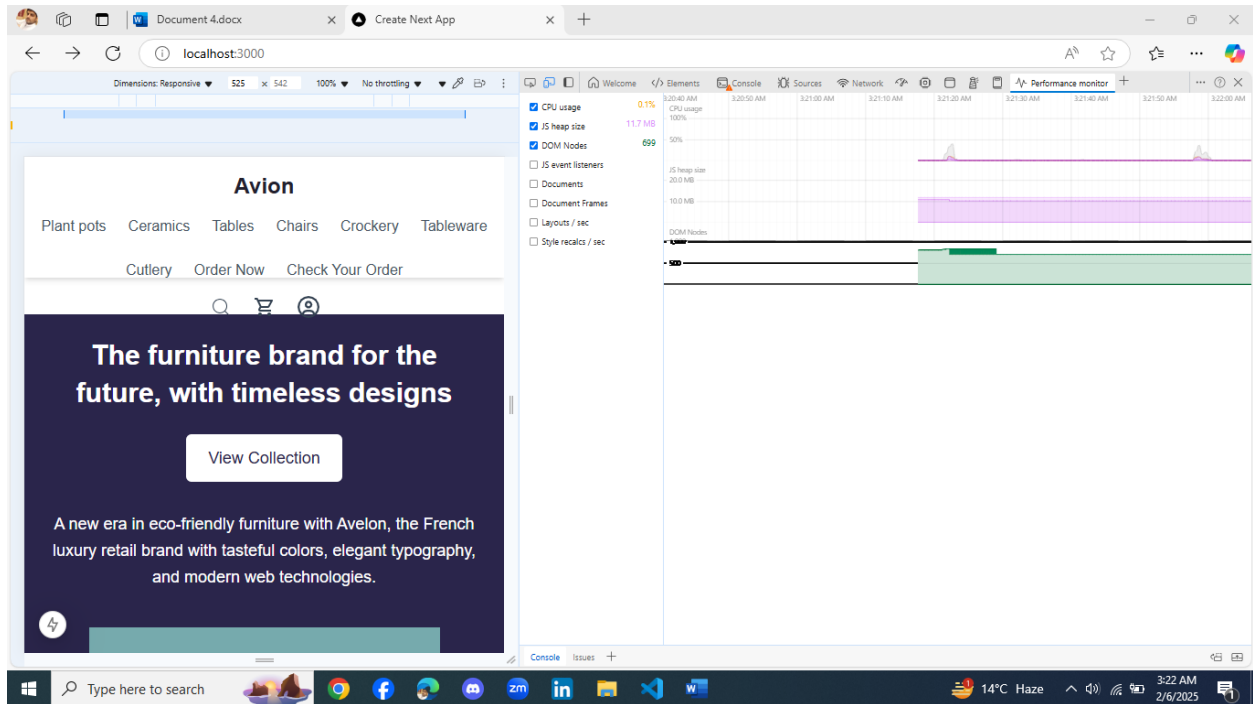
Emulated Moto G Power with Lighthouse 12.2.1

Slow 4G throttling

Single page session

Using Chromium 132.0.0.0 with devtools

Performance



Security:

