

Assignment

1. Running JSON File in server

Command Prompt - json-server --watch time.json

```
C:\Users\User\Desktop\json_server>json-server --watch time.json

\{^_^}/ hi!

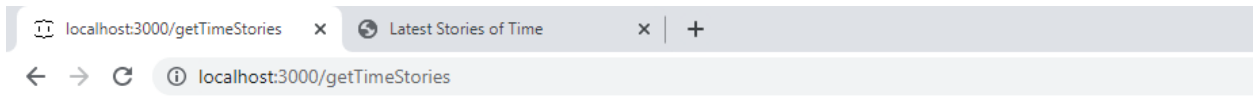
Loading time.json
Done

Resources
http://localhost:3000/getTimeStories

Home
http://localhost:3000

Type s + enter at any time to create a snapshot of the database
Watching...

GET /getTimeStories 200 24.467 ms - -
GET /getTimeStories 200 28.302 ms - -
GET /getTimeStories 304 28.189 ms - -
GET /getTimeStories 304 26.000 ms - -
GET /getTimeStories 304 29.497 ms - -
GET /getTimeStories 304 32.028 ms - -
GET /getTimeStories 304 28.526 ms - -
GET /getTimeStories 304 27.568 ms - -
GET /getTimeStories 304 30.305 ms - -
GET /getTimeStories 304 22.595 ms - -
GET /getTimeStories 304 28.610 ms - -
GET /getTimeStories 304 29.998 ms - -
GET /getTimeStories 304 30.164 ms - -
GET /getTimeStories 304 29.139 ms - -
GET /getTimeStories 304 18.839 ms - -
GET /getTimeStories 304 28.048 ms - -
GET /getTimeStories 304 20.518 ms - -
GET /getTimeStories 304 28.649 ms - -
GET /getTimeStories 304 20.637 ms - -
GET /getTimeStories 304 28.301 ms - -
GET /getTimeStories 304 28.648 ms - -
GET /getTimeStories 304 28.094 ms - -
GET /getTimeStories 304 31.790 ms - -
GET /getTimeStories 304 28.860 ms - -
GET /getTimeStories 304 22.853 ms - -
GET /getTimeStories 304 27.771 ms - -
GET /getTimeStories 304 22.606 ms - -
```



```
[
  {
    "title": "Gayle King Remembers Cheslie Kryst",
    "link": "https://time.com/6145304/cheslie-kryst-gayle-king/",
    "date": "February 4, 2022 • 5:23 PM EST"
  },
  {
    "title": "How to Track COVID-19 Virus In Wastewater",
    "link": "https://time.com/6145220/covid-19-wastewater-tracker/",
    "date": "February 4, 2022 • 4:58 PM EST"
  },
  {
    "title": "Civilians Killed in ISIS Raid in Syria Despite Planning",
    "link": "https://time.com/6145235/isis-raid-syria-civilians-killed/",
    "date": "February 4, 2022 • 2:14 PM EST"
  },
  {
    "title": "Democrats of Color Could Find It Tougher to Vote This Year. They May Not Want To",
    "link": "https://time.com/6145298/democrats-voting-rights/",
    "date": "FEBRUARY 4, 2022 • 1:54 PM EST"
  },
  {
    "title": "How Storytelling Circles Combat Anxiety",
    "link": "https://time.com/6144918/storytelling-circles-benefits-pandemic-anxiety/",
    "date": "FEBRUARY 4, 2022 • 1:00 PM EST"
  },
  {
    "title": "NIH Director Francis Collins is Leaving With a Warning for Some Politicians",
    "link": "https://time.com/6141545/nih-director-francis-collins-exit-interview/",
    "date": "FEBRUARY 4, 2022 • 12:59 PM EST"
  },
  {
    "title": "Amy Schneider's Jeopardy! Streak Ends at 40 Consecutive Wins and $1.4 Million",
    "link": "https://time.com/6142934/amy-schneider-jeopardy-streak-ends/",
    "date": "FEBRUARY 3, 2022 • 10:59 PM EST"
  },
  {
    "title": "'Writing With Fire' Shines a Light on All-Women News Outlet",
    "link": "https://time.com/6142628/writing-with-fire-india-documentary/",
    "date": "FEBRUARY 3, 2022 • 12:57 PM EST"
  },
]
```

time.json:

```
{
  "getTimeStories":[
    {
      "title": "Gayle King Remembers Cheslie Kryst",
      "link": "https://time.com/6145304/cheslie-kryst-gayle-king/",
      "date": "February 4, 2022 • 5:23 PM EST"
    },
    {
      "title": "How to Track COVID-19 Virus In Wastewater",
      "link": "https://time.com/6145220/covid-19-wastewater-tracker/",
      "date": "February 4, 2022 • 4:58 PM EST"
    },
  ],
}
```

```
"title": "Civilians Killed in ISIS Raid in Syria Despite Planning",
"link": "https://time.com/6145235/isis-raid-syria-civilians-killed/",
"date": "February 4, 2022 • 2:14 PM EST"
},
{
  "title": "Democrats of Color Could Find It Tougher to Vote This Year. They May Not
Want To",
  "link": "https://time.com/6145298/democrats-voting-rights/",
  "date": "FEBRUARY 4, 2022 • 1:54 PM EST"
},
{
  "title": "How Storytelling Circles Combat Anxiety",
  "link": "https://time.com/6144918/storytelling-circles-benefits-pandemic-anxiety/",
  "date": "FEBRUARY 4, 2022 • 1:00 PM EST"
},
{
  "title": "NIH Director Francis Collins is Leaving With a Warning for Some Politicians",
  "link": "https://time.com/6141545/nih-director-francis-collins-exit-interview/",
  "date": "FEBRUARY 4, 2022 • 12:59 PM EST"
},
{
  "title": "Amy Schneider's Jeopardy! Streak Ends at 40 Consecutive Wins and $1.4
Million",
  "link": "https://time.com/6142934/amy-schneider-jeopardy-streak-ends/",
  "date": "FEBRUARY 3, 2022 • 10:59 PM EST"
},
{
  "title": "'Writing With Fire' Shines a Light on All-Women News Outlet",
  "link": "https://time.com/6142628/writing-with-fire-india-documentary/",
  "date": "FEBRUARY 3, 2022 • 12:57 PM EST"
},
{
  "title": "Moderna Booster May Wane After 6 Months",
  "link": "https://time.com/6142852/moderna-booster-wanes-omicron/",
  "date": "FEBRUARY 3, 2022 • 11:59 PM EST"
},
{
  "title": "Pressure Mounts for Biden to Nominate a Black Woman to the Supreme",
```

```

"link": "https://time.com/6142743/joe-biden-supreme-court-nominee-black-woman-campaignpromise/",
  "date": "FEBRUARY 3, 2022 • 03.05 PM EST"
},
{
  "title": "The James Webb Space Telescope Is in Position—And Now We Wait",
  "link": "https://time.com/6142769/james-webb-space-telescope-reaches-l2/",
  "date": "FEBRUARY 3, 2022 • 10.00 PM EST"
},
{
  "title": "We Urgently Need a New National COVID-19 Response Plan",
  "link": "https://time.com/6142718/we-need-new-national-covid-19-response-plan/",
  "date": "FEBRUARY 3, 2022 • 12:59 PM EST"
}
]
}

```

app.js

```
document.getElementById('button2').addEventListener('click', getJson);
```

```
// Function to get json data from a JSON file
```

```
function getJson() {
```

```
  fetch('http://localhost:3000/getTimeStories')
```

```
    .then(res => res.json())
```

```
    .then(data => {
```

```
      console.log(data);
```

```
      // Displaying to the UI
```

```
      $i=0;
```

```
      let output = '<center><h2 style="color: pink;" class="mb-4">6 Latest  
Stories</h2></center>';
```

```
      data.forEach(function(post) {
```

```
        $i++;
```

```
        if($i<7)
```

```
        {
```

```
          output +=
```

```
          '<div class="card card-body mb-3">
```

```

        <A STYLE="background-color: rgb(255,255,0)" HREF="{post.link}">
        <h3>{post.title}</h3></A>
        <p style="font-size:25px;color:red;">{post.date}</p>
    </div>
    ,
    }
    });
    document.getElementById('output').innerHTML = output;
})
.catch(err => {
    console.log(err);

    // Displaying to the UI
    document.getElementById('output').innerHTML = err;
});
}

```

index.html

```

<!DOCTYPE html>
<html lang="en">
<head>

    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/skeleton/2.0.4/skeleton.css">
    <title>Latest Stories of Time</title>
    <style>
        body
    {

        margin:30%;
        padding:100px;
        display: flex;
        justify-content: center;
        align-items: center;
        font-size: large;
    }

```

```
font-family: consolas;
background-size: 58px 58px;
background-position: 0px 2px, 4px 35px, 29px 31px, 34px 6px;
display: -webkit-box;
```

```
}
div {
  background-color: yellow;
}
```

```
.container
{
margin: 0;
position: absolute;
top: 65%;
left: 50%;
color:green;
margin-bottom:500px;
margin-right: -50%;
transform: translate(-50%, -50%);

background: rgba(255,255,255,0.05);
box-shadow: 0 5px 15px rgba(0,0,0,1);
```

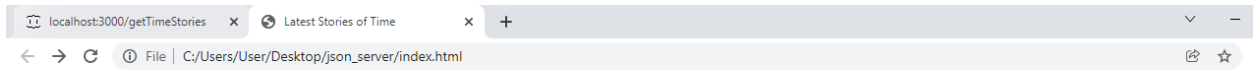
```
}
</style>
</head>
<body>
  <div class="container">
    <center><h1>Latest Stories of Time</h1></center>
    <center><button id="button2" class="button-primary">Get 6 Latest
Stories</button></center>

    <br><br>
    <div id="output"></div>

  </div>
```

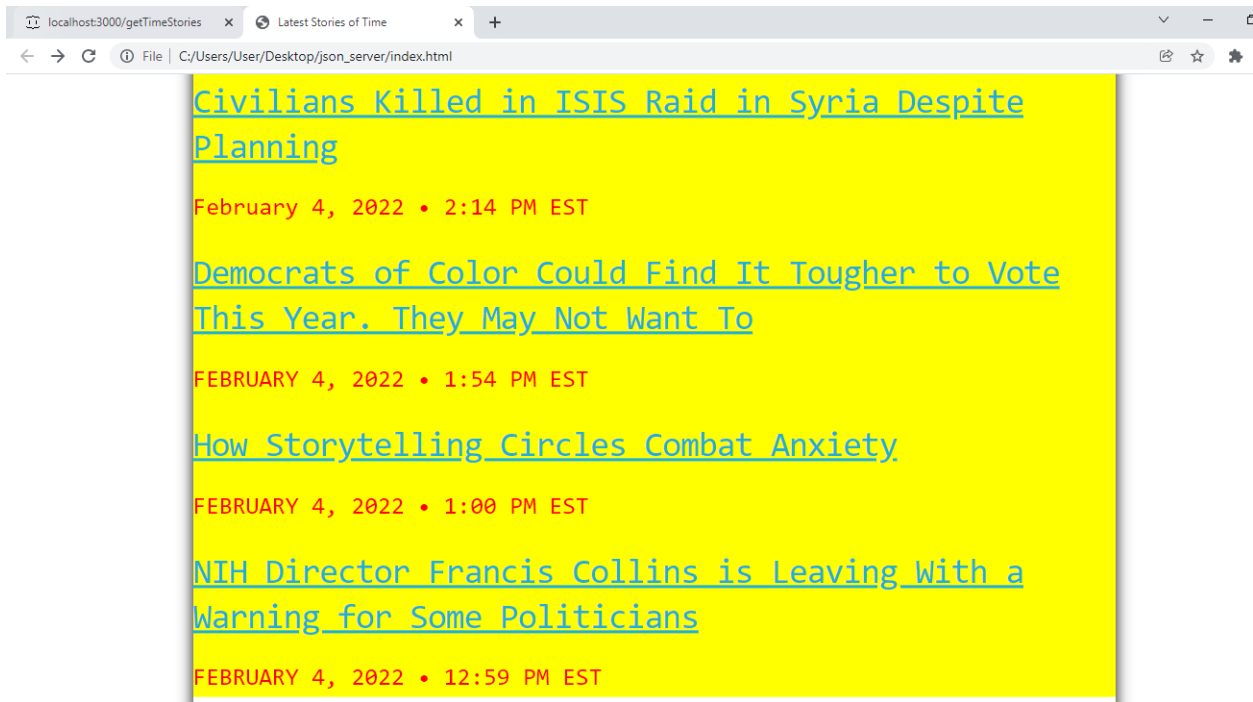
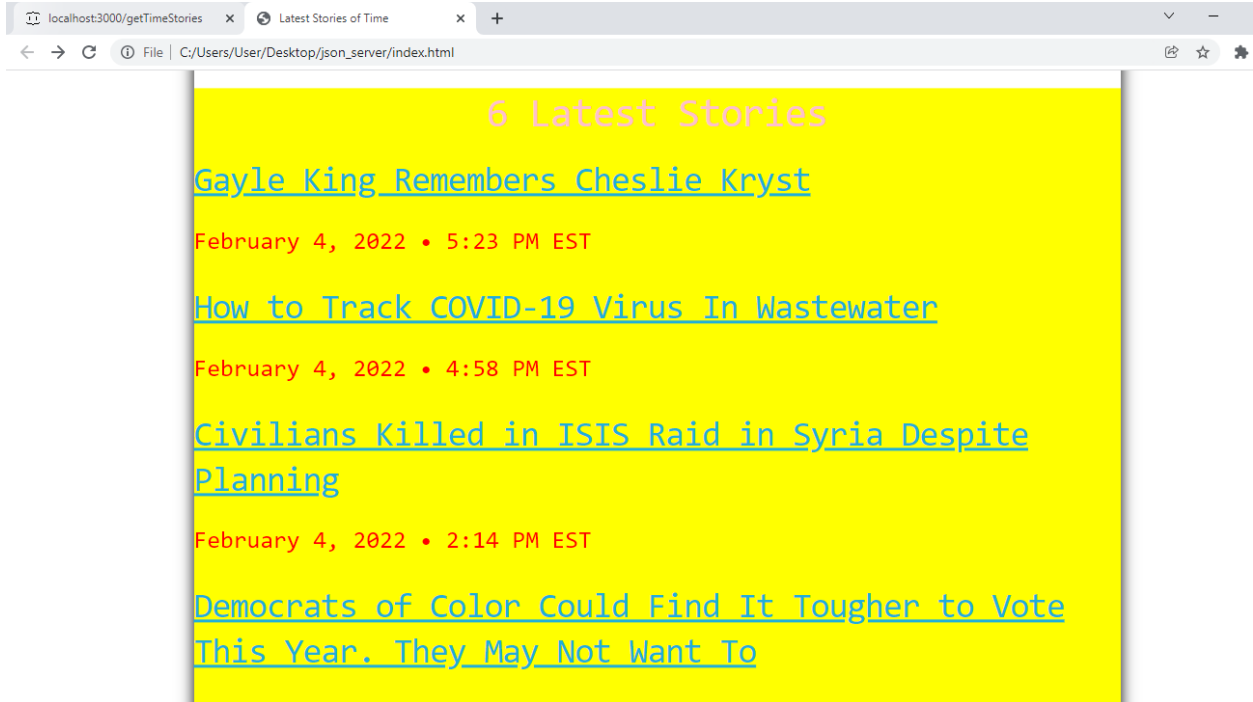
```
<script src="app.js"></script>  
</body>  
</html>
```

OUTPUT:



Latest Stories of Time

GET 6 LATEST STORIES



Redirecting to the first latest story:

