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const http = require('http');
const https = require('https');
const fs = require('fs');
const URL = require('url')
const path = require('path');

const port = 3000

let NASA = require('./NASA_req.js');
let NYTimes = require('./NYTimes_req.js');

let date = new Date();
let valid = "";

const requestHandler = function(request, response){
  console.log(request.url);
  if (request.url.startsWith('favicon', 1)) {
    response.writeHead(404)
    response.end()
  }
  if (request.url.startsWith('/images/')) {
    const imgPath = path.join(__dirname, request.url);
    console.log(imgPath);
    const image_stream = fs.createReadStream(imgPath, 'utf-8');
    response.writeHead(200, { 'content-type': 'image/jpeg' });
    image_stream.pipe(response);
    image_stream.on('error', function (err) {
      console.log(err);
      response.writeHead(404);
      response.end();
    });
  }
  if (request.url.startsWith('/date')) {
    const q = URL.parse(request.url, true).query.Date;
    console.log(q);
    user_input = q;
    if(validate_data(user_input, response)=== true){
      NASA.NasaReq(user_input, response);
    }else{
      response.writeHead(200, { 'content-type': 'text/html' });
      fs.createReadStream('./HTML/HOME_PAGE.html', 'utf-
8').pipe(response);
    }
  }
  if (request.url === '/') {
    const stream = fs.createReadStream('./HTML/HOME_PAGE.html',
'utf-8')
    response.writeHead(200, { 'content-type': 'text/html' });
    stream.pipe(response);
  }
}
const server = http.createServer(requestHandler)
const validate_data = function(data, response){
  let year = data.substring(0,4);
  let month = data.substring(5,7);
  let day = data.substring(8,10);

  let lower = new Date(1995, 6, 25);

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    let current = new Date(year-1, month, day);

    if(current > lower && current < date){
        return true;
    }
    else return false;
}
server.listen(port, (err) => {
    if (err) {
        throw err;
    }
    console.log(`server is listening on ${port}`)
})
```