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const http = require('http');

const url = require('url');

const server = http.createServer((req, res) => {

  const parsedUrl = url.parse(req.url, true);

  const path = parsedUrl.pathname;

  const query = parsedUrl.query;

  let responseText = 'Default response';

  if (path === '/books') {

    responseText = JSON.stringify([

      { title: 'Book 1', author: 'Author 1' },

      { title: 'Book 2', author: 'Author 2' },

    ]);

  } else if (path === '/authors') {

    responseText = JSON.stringify([

      { name: 'Author 1', country: 'Country 1' },

      { name: 'Author 2', country: 'Country 2' },

    ]);

  } else if (path === '/query') {

    responseText = `Name: ${query.name}, Age: ${query.age}`;

  } else {

    responseText = 'Path not found';

  }

  res.setHeader('Content-Type', 'application/json');

  res.end(responseText);

});

server.listen(3000, () => console.log('this is the last line of code'));