

Task1:

Code:

App.js:

```
const express = require('express');
const morgan = require('morgan');
const mongoose = require('mongoose');
const Data = require('./models/data');

const app = express();

const db =
'mongodb+srv://MyLab:hyder123@weblab.xtvi1.mongodb.net/MyLab?retryWrites=true&w=majority';
mongoose.connect(db).then((result) => app.listen(3111)).catch((err) =>
console.log(err));

app.get('/add-data', (req, res) => {
  const data = new Data({
    name: 'daniyal Ahmed',
    username: 'DANI',
    subj: 'WebLab',
    password: 'why2me',
  });

  data.save().then((result) => {
    res.send(result)
  })
  .catch((err) => {
    console.log(err);
  });
});

app.get('/all-data', (req, res) => {
  Data.find().then((result) => {
    {
      res.send(result);
    }
  })
  .catch((err) => {
    {
      console.log(err);
    }
  });
});
```

```

app.get('/single-data', (req, res) =>
{
  Data.findById('62644ea939dfbac3ce854ba8').then((result) =>
  {
    res.send(result);
  })
})
.catch((err) =>
{
  console.log(err);
});
});
})

```

Data.js:

```

const mongoose = require('mongoose');
const Schema = mongoose.Schema;

const dataSchema = new Schema ({
  name:{
    type:String,
    require:true,
  },
  username:{
    type:String,
    require:true,
  },
  subj:{
    type:String,
    require:true,
  },
  password:
  {
    type:String,
    require:true,
  }
}, {timestamps:true});

const User = mongoose.model('WebLab', dataSchema);
module.exports = User;

```

OutputCommand:

Node app.js

Output:

```
localhost:3111/add-data
{"name":"daniyal Ahmed","username":"DANI","subj":"WebLab","password":"why2me","_id":"62645008cb20db644acea00a","createdAt":"2022-04-23T19:14:16.590Z","updatedAt":"2022-04-23T19:14:16.590Z","_v":0}
```

```
localhost:3111/all-data
[{"_id":"62644ea939dfbac3ce854ba8","name":"Muhammad Hyder Ali","username":"Hyder123","subj":"Web Lab","password":"why2me","createdAt":"2022-04-23T19:08:25.482Z","updatedAt":"2022-04-23T19:08:25.482Z","_v":0},{ "_id":"62644eed39dfbac3ce854baa","name":"Muhammad Hyder Ali","username":"Hyder123","subj":"Web Lab","password":"why2me","createdAt":"2022-04-23T19:09:33.047Z","updatedAt":"2022-04-23T19:09:33.047Z","_v":0},{ "_id":"62644f0539dfbac3ce854bac","name":"Muhammad Hyder Ali","username":"Hyder123","subj":"Web Lab","password":"why2me","createdAt":"2022-04-23T19:09:57.811Z","updatedAt":"2022-04-23T19:09:57.811Z","_v":0},{ "_id":"62644fb6cb20db644acea006","name":"daniyal Ahmed","username":"DANI","subj":"WebLab","password":"why2me","createdAt":"2022-04-23T19:12:54.123Z","updatedAt":"2022-04-23T19:12:54.123Z","_v":0},{ "_id":"62645008cb20db644acea00a","name":"daniyal Ahmed","username":"DANI","subj":"WebLab","password":"why2me","createdAt":"2022-04-23T19:14:16.590Z","updatedAt":"2022-04-23T19:14:16.590Z","_v":0}]
```

```
localhost:3111/single-data
{"_id":"62644ea939dfbac3ce854ba8","name":"Muhammad Hyder Ali","username":"Hyder123","subj":"Web Lab","password":"why2me","createdAt":"2022-04-23T19:08:25.482Z","updatedAt":"2022-04-23T19:08:25.482Z","_v":0}
```

Task2:

Html Code:

```
<!DOCTYPE html>
<html>
<title>Privacy Policy</title>

<body>

  <h1>Privacy Policy for AutoParts</h1>

  <p>At Autoparts, accessible from www.autoparts.com, one of our main
priorities is the privacy of our visitors. This Privacy Policy document contains
types of information that is collected and recorded by Autoparts and how we use
it.</p>

  <p>If you have additional questions or require more information about our
Privacy Policy, do not hesitate to contact us.</p>

  <p>This Privacy Policy applies only to our online activities and is valid for
visitors to our website with regards to the information that they shared and/or
collect in Autoparts. This policy is not applicable to any information collected
offline or
```

via channels other than this website. Our Privacy Policy was created with the help of the [Free Privacy Policy Generator](https://www.generateprivacypolicy.com/).

Consent

By using our website, you hereby consent to our Privacy Policy and agree to its terms.

Information we collect

The personal information that you are asked to provide, and the reasons why you are asked to provide it, will be made clear to you at the point we ask you to provide your personal information.

If you contact us directly, we may receive additional information about you such as your name, email address, phone number, the contents of the message and/or attachments you may send us, and any other information you may choose to provide.

When you register for an Account, we may ask for your contact information, including items such as name, company name, address, email address, and telephone number.

How we use your information

We use the information we collect in various ways, including to:

- Provide, operate, and maintain our website
- Improve, personalize, and expand our website
- Understand and analyze how you use our website
- Develop new products, services, features, and functionality
- Communicate with you, either directly or through one of our partners, including for customer service, to provide you with updates and other information relating to the website, and for marketing and promotional purposes
- Send you emails
- Find and prevent fraud

Log Files

Autoparts follows a standard procedure of using log files. These files log visitors when they visit websites. All hosting companies do this and a part of hosting services' analytics. The information collected by log files include internet protocol

(IP) addresses, browser type, Internet Service Provider (ISP), date and time stamp, referring/exit pages, and possibly the number of clicks. These are not linked to any information that is personally identifiable. The purpose of the information

is for analyzing trends, administering the site, tracking users' movement on the website, and gathering demographic information.</p>

<h2>Cookies and Web Beacons</h2>

<p>Like any other website, Autoparts uses 'cookies'. These cookies are used to store information including visitors' preferences, and the pages on the website that the visitor accessed or visited. The information is used to optimize the users' experience

by customizing our web page content based on visitors' browser type and/or other information.</p>

<h2>Google DoubleClick DART Cookie</h2>

<p>Google is one of a third-party vendor on our site. It also uses cookies, known as DART cookies, to serve ads to our site visitors based upon their visit to www.website.com and other sites on the internet. However, visitors may choose to decline the

use of DART cookies by visiting the Google ad and content network Privacy Policy at the following URL - https://policies.google.com/technologies/ads</p>

<h2>Our Advertising Partners</h2>

<p>Some of advertisers on our site may use cookies and web beacons. Our advertising partners are listed below. Each of our advertising partners has their own Privacy Policy for their policies on user data. For easier access, we hyperlinked to their Privacy

Policies below.</p>

<p>Google</p>

<p>https://policies.google.com/technologies/ads</p>

<h2>Advertising Partners Privacy Policies</h2>

<P>You may consult this list to find the Privacy Policy for each of the advertising partners of Autoparts.</p>

<p>Third-party ad servers or ad networks uses technologies like cookies, JavaScript, or Web Beacons that are used in their respective advertisements and links that appear on Autoparts, which are sent directly to users' browser. They automatically receive

your IP address when this occurs. These technologies are used to measure the effectiveness of their advertising campaigns and/or to personalize the advertising content that you see on websites that you visit.</p>

<p>Note that Autoparts has no access to or control over these cookies that are used by third-party advertisers.</p>

<h2>Third Party Privacy Policies</h2>

<p>Autoparts's Privacy Policy does not apply to other advertisers or websites. Thus, we are advising you to consult the respective Privacy Policies of these third-party ad servers for more detailed information. It may include their practices and instructions

about how to opt-out of certain options. </p>

<p>You can choose to disable cookies through your individual browser options. To know more detailed information about cookie management with specific web browsers, it can be found at the browsers' respective websites.</p>

<h2>CCPA Privacy Rights (Do Not Sell My Personal Information)</h2>

<p>Under the CCPA, among other rights, California consumers have the right to:</p>

<p>Request that a business that collects a consumer's personal data disclose the categories and specific pieces of personal data that a business has collected about consumers.</p>

<p>Request that a business delete any personal data about the consumer that a business has collected.</p>

<p>Request that a business that sells a consumer's personal data, not sell the consumer's personal data.</p>

<p>If you make a request, we have one month to respond to you. If you would like to exercise any of these rights, please contact us.</p>

<h2>GDPR Data Protection Rights</h2>

<p>We would like to make sure you are fully aware of all of your data protection rights. Every user is entitled to the following:</p>

```
<p>The right to access – You have the right to request copies of your
personal data. We may charge you a small fee for this service.</p>
<p>The right to rectification – You have the right to request that we correct
any information you believe is inaccurate. You also have the right to request
that we complete the information you believe is incomplete.</p>
<p>The right to erasure – You have the right to request that we erase your
personal data, under certain conditions.</p>
<p>The right to restrict processing – You have the right to request that we
restrict the processing of your personal data, under certain conditions.</p>
<p>The right to object to processing – You have the right to object to our
processing of your personal data, under certain conditions.</p>
<p>The right to data portability – You have the right to request that we
transfer the data that we have collected to another organization, or directly to
you, under certain conditions.</p>
<p>If you make a request, we have one month to respond to you. If you would
like to exercise any of these rights, please contact us.</p>

<h2>Children's Information</h2>

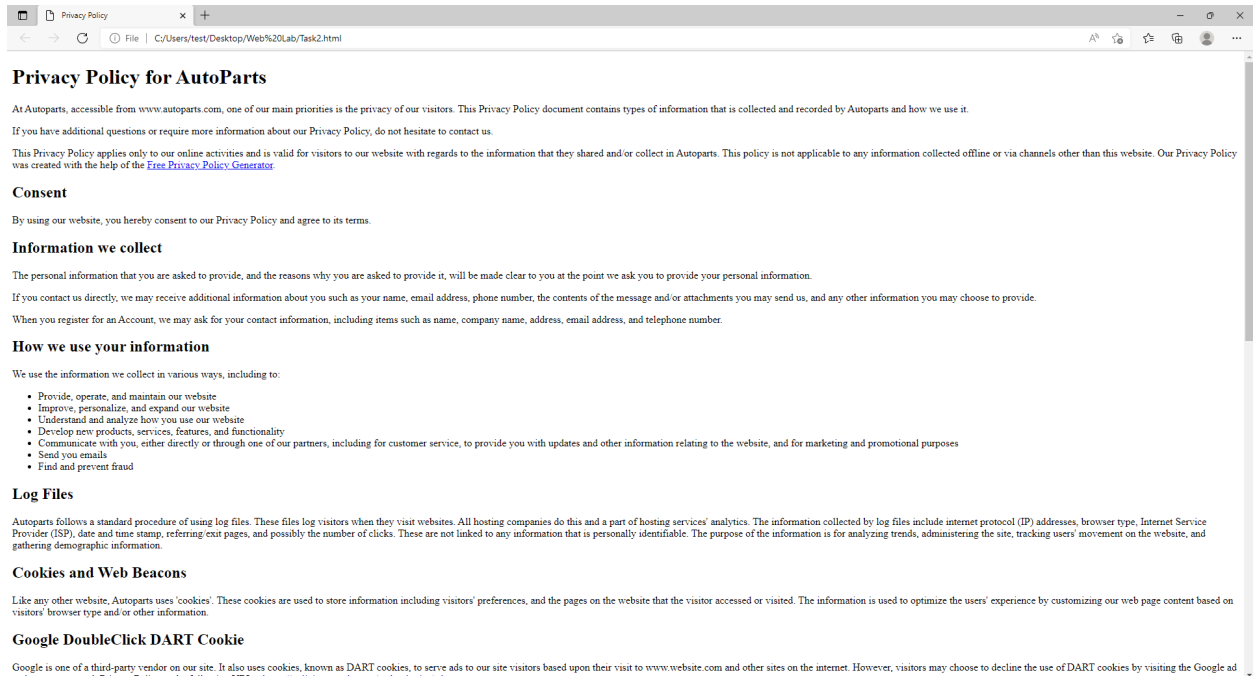
<p>Another part of our priority is adding protection for children while using
the internet. We encourage parents and guardians to observe, participate in,
and/or monitor and guide their online activity.</p>

<p>Autoparts does not knowingly collect any Personal Identifiable Information
from children under the age of 13. If you think that your child provided this
kind of information on our website, we strongly encourage you to contact us
immediately and we
    will do our best efforts to promptly remove such information from our
records.</p>

</body>

</html>
```

Output:



Task3:

