✔ **CORS** prevents unauthorized frontend-backend communication.

✔ **Browsers block requests** from different origins by default.

✔ **The** `cors` **package in Node.js** allows safe cross-origin requests.

✔ **Can be open (** `*` **) or restricted (** `origin: 'http://yourfrontend.com'` **).** 🚀

What is CORS in the Backend?

CORS (Cross-Origin Resource Sharing) is a security feature in web browsers that **controls which websites can access resources** from your backend server.

Why is CORS Needed?

By default, web browsers **block API requests** from a different origin (domain, protocol, or port) than the server's origin.

What are Environment Variables?

Environment variables are **key-value pairs** used to store configuration settings, such as API keys, database URLs, and port numbers, **outside the code.**
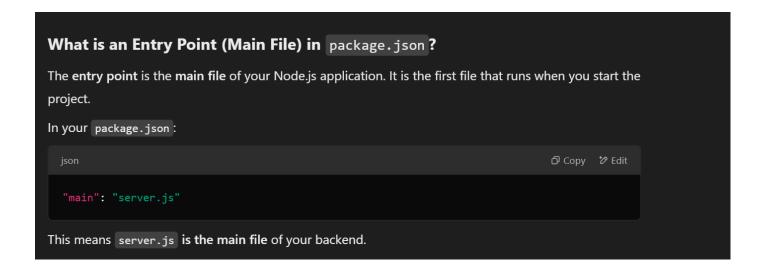
They help in:

☑ **Keeping sensitive data secure** (no hardcoding passwords in code)

☑ **Making apps flexible** (easily change settings without modifying code)

☑ **Managing different environments** (de↓pment, testing, production)

The entry point of our appllicationn is server.js

Package.json explanation:

`"version": "1.0.0"` means **this is the first stable release of the project** with no updates or bug fixes yet.

What is an Entry Point (Main File) in `package.json`?

The **entry point** is the **main file** of your Node.js application. It is the first file that runs when you start the project.

In your `package.json`:

```json
"main": "server.js"
```

This means `server.js` is the main file of your backend.

if u run server.js all other files will be run automatically