

Follow the steps below to set up and run the Braille Autocorrect web application using Anaconda and Flask:

## Prerequisites

- Anaconda Navigator must be installed on your system.
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## Setup Instructions

### 1. Open Anaconda Navigator

Launch Anaconda Navigator from your system menu.

### 2. Create a New Environment

- Go to the "Environments" tab in Anaconda Navigator.
- Click "Create".
- Provide a name for your environment (for example, `braille_env`).
- Select the latest Python version (such as Python 3.10 or higher).
- Click "Create" to set up the environment.

### 3. Activate the Environment

- Open the terminal within Anaconda Navigator.
- Run the following command to activate the environment:

```
conda activate braille_env
```

### 4. Navigate to the Project Directory

Use the `cd` command to move into the project folder where your application files (including `app.py`) are stored. For example:

```
cd C:\Users\YourUsername\Documents\braille-autocorrect
```

### 5. Install Required Python Packages

Use `pip` to install the necessary packages:

```
pip install flask  
pip install english-words
```

## 6. Run the Flask Application

Start the web server by running the following command:

```
python app.py
```

## 7. Open the Web Application in a Browser

After the server starts, open a web browser and go to the following URL:

```
http://127.0.0.1:5000
```

The web interface for the Braille Autocorrect system will load, allowing you to input Braille sequences and receive auto-correct suggestions.

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