# How to Execute the Code (PCSE24-10)

## Download the Code from GitHub

1. Open the GitHub repository [PCSE24-10] (https://github.com/cse-kiet/PCSE24-10).
2. Click on the *Code* button.
3. In the local section, click on *Download ZIP*.
4. The ZIP file containing the code will be downloaded.

## Extract the Code from the ZIP File

1. Right-click on the downloaded ZIP file.
2. Click on *Extract All*.
3. Choose the destination for the extracted files.
4. Click on *Extract*.

## Run the Extracted Code

1. Open the extracted folder in Visual Studio Code (VS Code).
2. Open the terminal window in VS Code by pressing *CTRL + `*.
3. Before running the code, install the required packages (instructions to install the packages are provided in the **Project Requirement** file).

## Install the Required Packages

Ensure you have the following packages installed. You can install them by running these commands in the terminal:
*python -m pip install flask*
*python -m pip install numpy*
*python -m pip install scikit-learn*

## Run the Code

1. After the successful installation of the packages, run the code by typing the following
*python app.py*

2. The terminal will display the following output:

*Running on http://127.0.0.1:5000*

3. To follow the link, use **CTRL + *click*** on the URL.

4. The server will open in your web browser.

## Output

1. Enter the required details in the form on the web page.

2. Click on the ***Submit*** button.

3. The results will be displayed in the ***Result*** section of the web page.

4. Click on the ***Reset*** button to reset the fields of the form.

By following these steps, you will be able to successfully execute the code and interact with the web application.