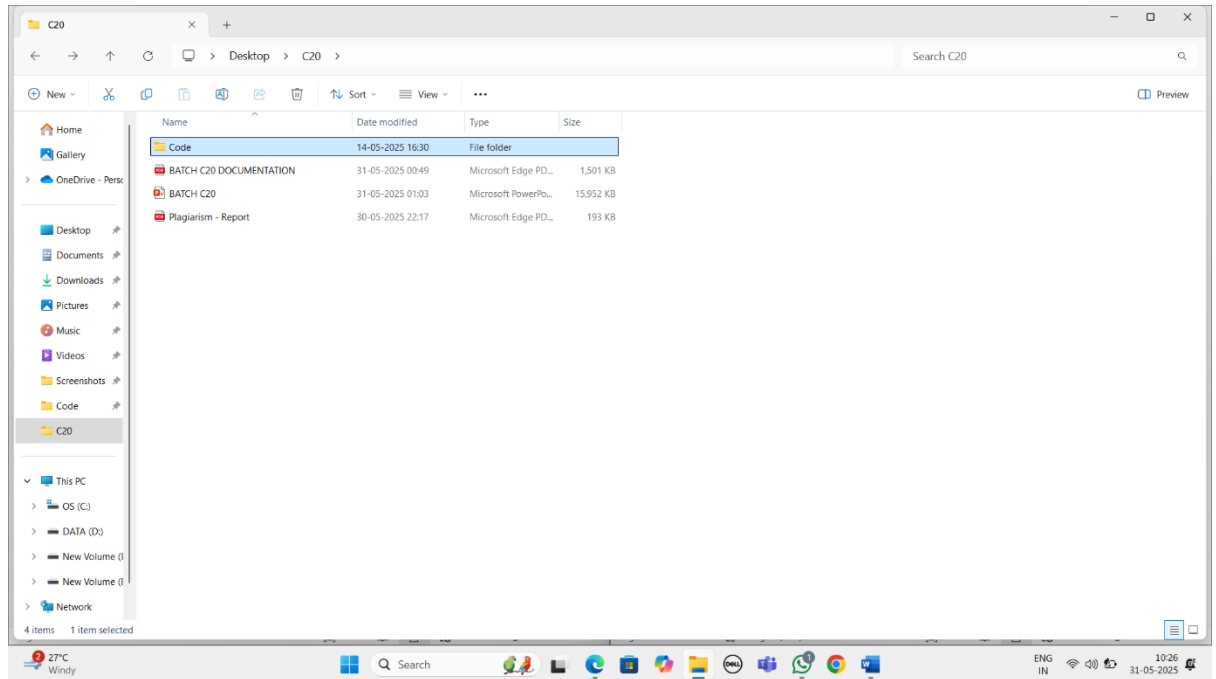
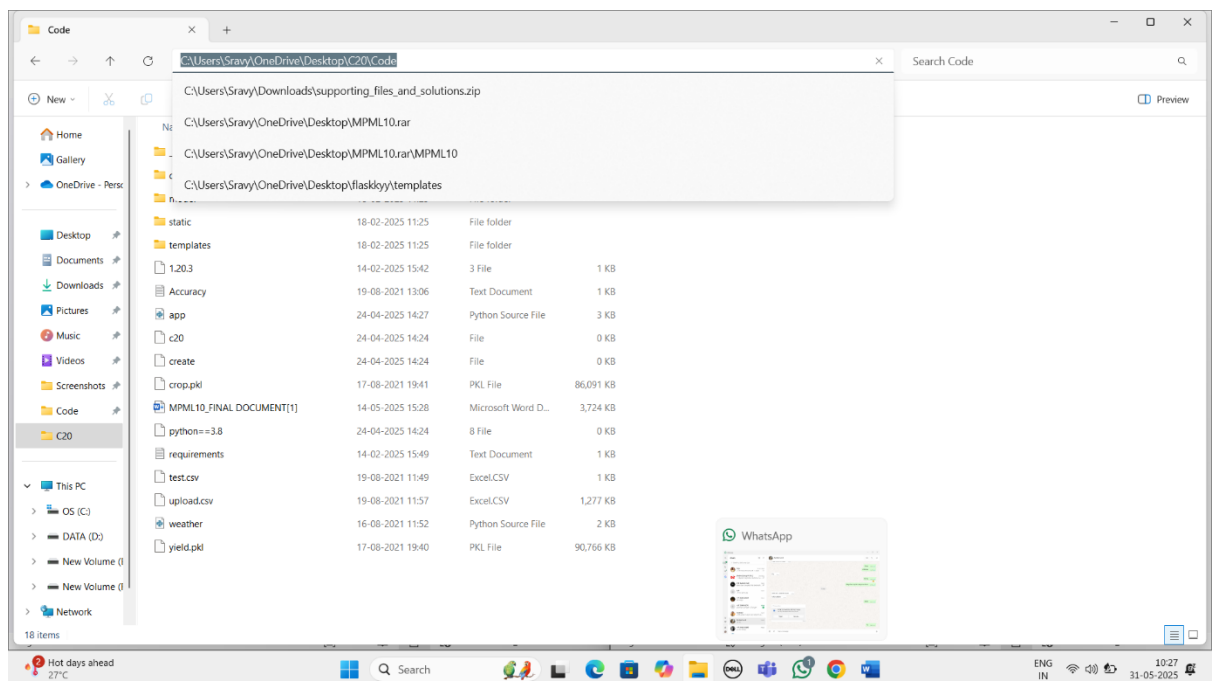


HOW TO RUN THE PROJECT

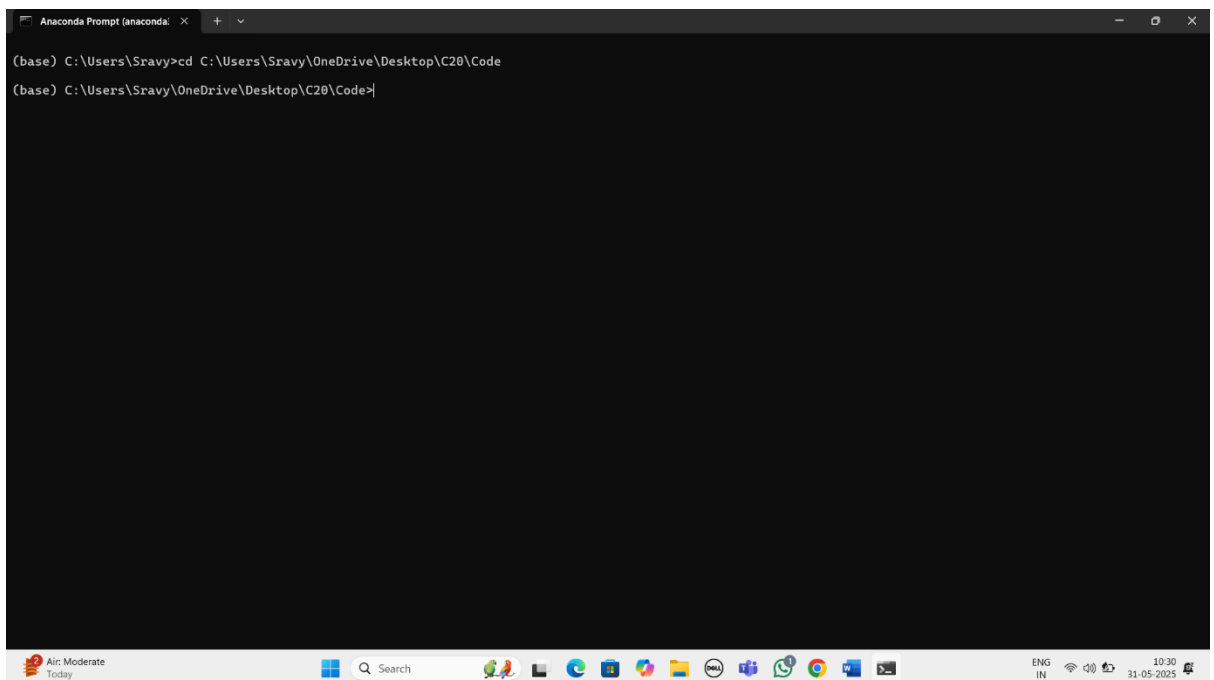
1. Click the **code** folder and open it.



2. Click and Select the **path** of the folder.



3. Now open **Anaconda Prompt** and type the following prompt to get access to Project: “**cd** “ after give **SPACE** and paste the copied path.

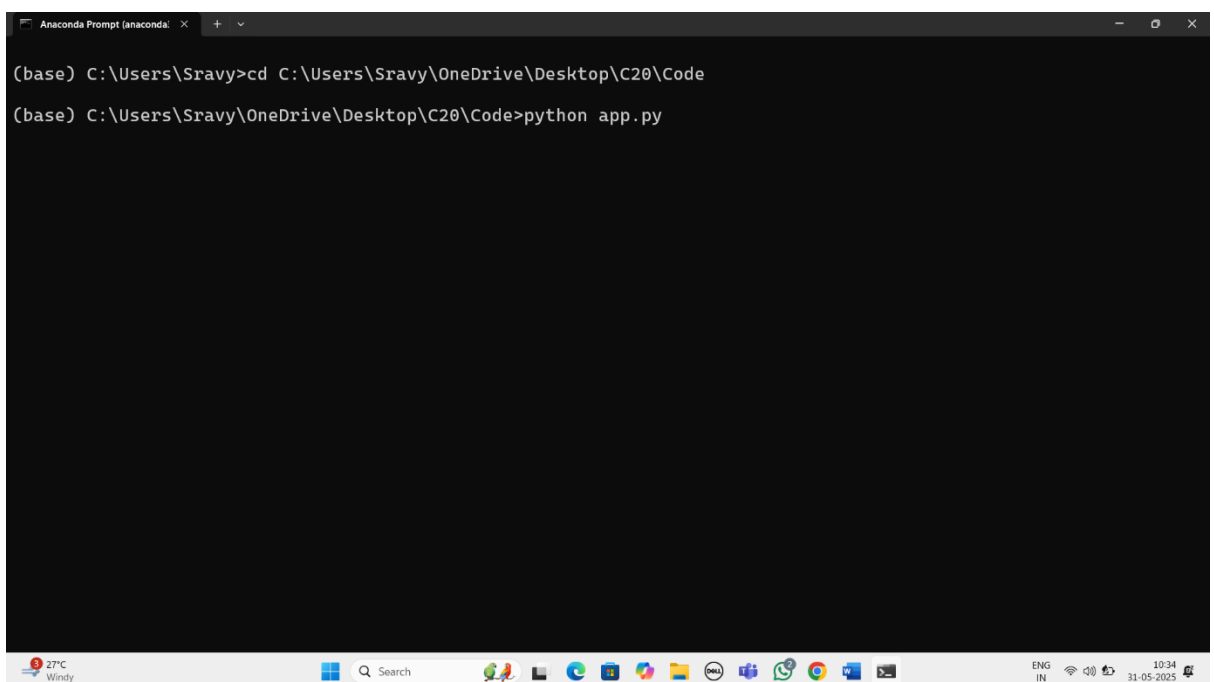


```
Anaconda Prompt (anaconda: x + v)

(base) C:\Users\Sravy>cd C:\Users\Sravy\OneDrive\Desktop\C20\Code
(base) C:\Users\Sravy\OneDrive\Desktop\C20\Code>
```

The screenshot shows the Anaconda Prompt window with the command prompt at the directory C:\Users\Sravy\OneDrive\Desktop\C20\Code. The Windows taskbar at the bottom shows the date as 31-05-2025 and the time as 10:30.

4. Now give command **python app.py** to run the code.



```
Anaconda Prompt (anaconda: x + v)

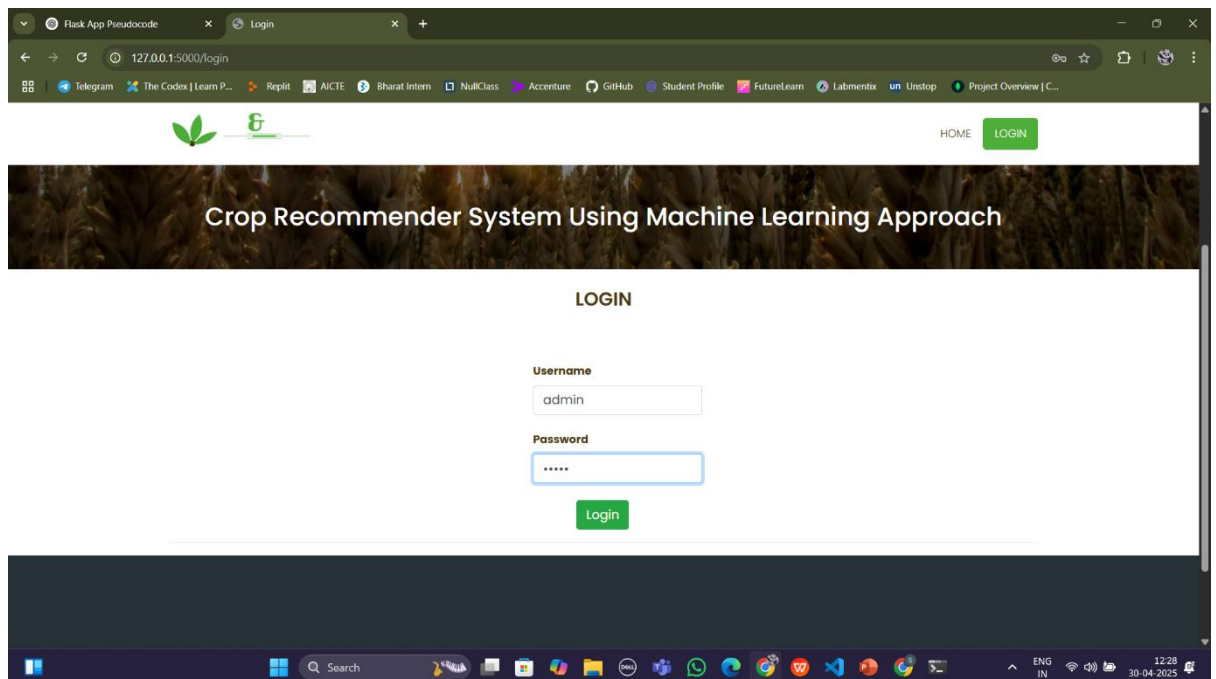
(base) C:\Users\Sravy>cd C:\Users\Sravy\OneDrive\Desktop\C20\Code
(base) C:\Users\Sravy\OneDrive\Desktop\C20\Code>python app.py
```

The screenshot shows the Anaconda Prompt window with the command prompt at the directory C:\Users\Sravy\OneDrive\Desktop\C20\Code. The command 'python app.py' has been entered. The Windows taskbar at the bottom shows the date as 31-05-2025 and the time as 10:34.

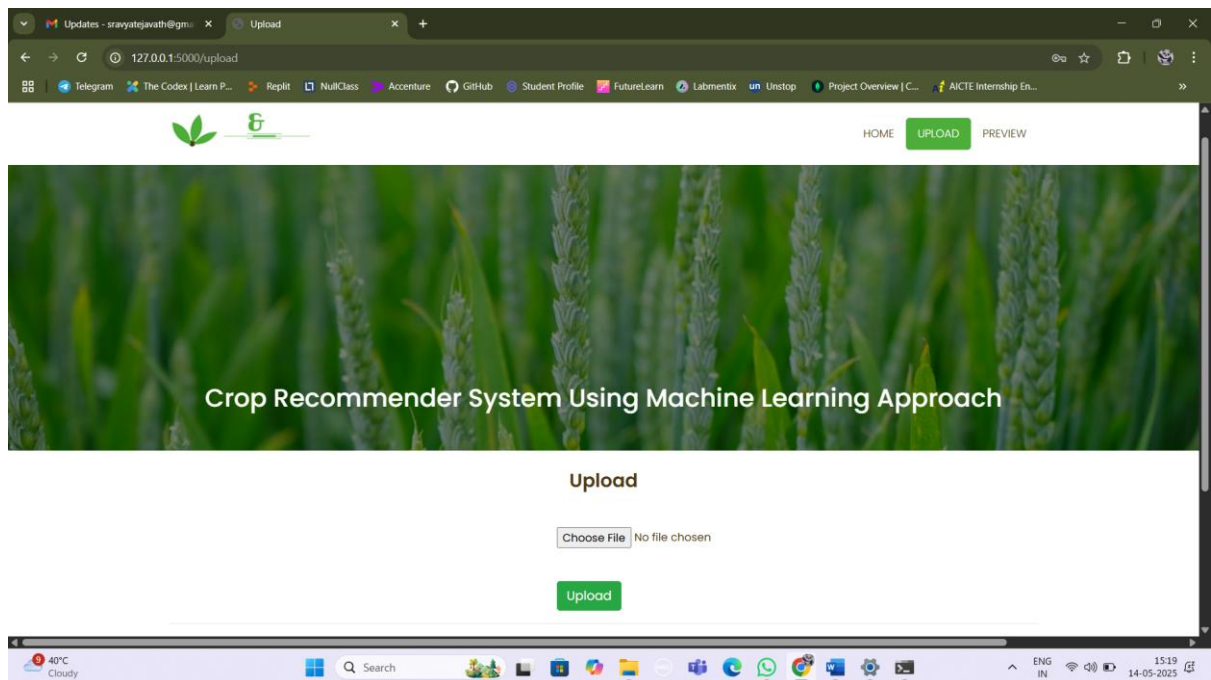
5. Now click on the http link to get directed to the application.

```
Anaconda Prompt (anaconda) x + v
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with watchdog (windowsapi)
C:\Users\Sravy\anaconda3\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator Deci
sionTreeRegressor from version 0.24.1 when using version 1.0.2. This might lead to breaking code or invalid re
sults. Use at your own risk. For more info please refer to:
https://scikit-learn.org/stable/modules/model_persistence.html#security-maintainability-limitations
  warnings.warn(
C:\Users\Sravy\anaconda3\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator Rand
omForestRegressor from version 0.24.1 when using version 1.0.2. This might lead to breaking code or invalid re
sults. Use at your own risk. For more info please refer to:
https://scikit-learn.org/stable/modules/model_persistence.html#security-maintainability-limitations
  warnings.warn(
C:\Users\Sravy\anaconda3\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator Deci
sionTreeClassifier from version 0.24.1 when using version 1.0.2. This might lead to breaking code or invalid r
esults. Use at your own risk. For more info please refer to:
https://scikit-learn.org/stable/modules/model_persistence.html#security-maintainability-limitations
  warnings.warn(
C:\Users\Sravy\anaconda3\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator Rand
omForestClassifier from version 0.24.1 when using version 1.0.2. This might lead to breaking code or invalid r
esults. Use at your own risk. For more info please refer to:
https://scikit-learn.org/stable/modules/model_persistence.html#security-maintainability-limitations
  warnings.warn(
* Debugger is active!
* Debugger PIN: 534-614-578
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

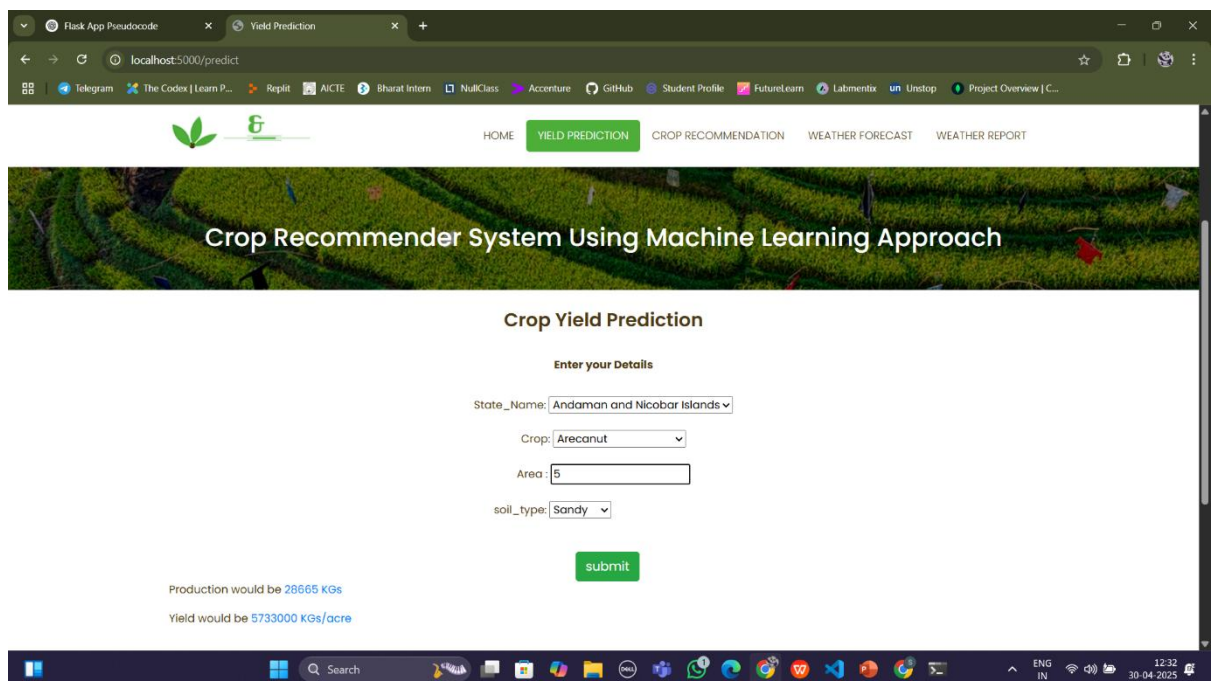
6. Now go to login page to enter the credentials.



7. Upload the csv data file for training.



8. Enter the inputs required to predict the crop yield.



9. Enter the required inputs for crop recommendation prediction.

The screenshot shows a web browser at localhost:5000/sandy. The application has a navigation bar with links: HOME, YIELD PREDICTION, CROP RECOMMENDATION (active), WEATHER FORECAST, and WEATHER REPORT. Below the navigation bar is a banner image of a rural landscape with the text "Crop Recommender System Using Machine Learning Approach". The main section is titled "Crop Recommendation Prediction" and contains a form labeled "Enter your Details". The form has three input fields: "State_Name" with a dropdown menu showing "Andaman and Nicobar Islands", "soil_type" with a dropdown menu showing "Sandy", and "Area" with a text input field containing "5". A green "submit" button is located below the form. Below the form, the text "Crop Recommendation is : Groundnut" is displayed. The browser's taskbar at the bottom shows various application icons and the system clock indicating 12:32 on 30-04-2025.

Crop Recommendation Prediction

Enter your Details

State_Name: Andaman and Nicobar Islands

soil_type: Sandy

Area: 5

submit

Crop Recommendation is : Groundnut

10. Go to weather forecast to get weather report of an area, and also to check whether fertilizers can be used or not.

The screenshot shows a web browser at localhost:5000/result. The application has a navigation bar with links: HOME, YIELD PREDICTION, CROP RECOMMENDATION, WEATHER FORECAST, and WEATHER REPORT (active). Below the navigation bar is a banner image of a rural landscape with the text "Crop Recommender System Using Machine Learning Approach". The main section is titled "Weather Report" and contains a forecast for Pune. The forecast is displayed in a table with four rows: "Today", "Tomorrow", "Day after tomorrow", and "Next Day". Each row shows the weather condition and the temperature. Below the table, there is a message: "If no heavy rains predicted in the upcoming days, you can add fertilizers. If heavy rains predicted in the upcoming days, you should not add fertilizers". The browser's taskbar at the bottom shows various application icons and the system clock indicating 12:33 on 30-04-2025.

Weather Report

Forecast for Pune

Day	Weather	Temperature
Today	clear sky	38.6°C
Tomorrow	clear sky	37.96°C
Day after tomorrow	clear sky	35.0°C
Next Day	clear sky	38.59°C

If no heavy rains predicted in the upcoming days, you can add fertilizers
If heavy rains predicted in the upcoming days, you should not add fertilizers

11. Go to chart to get the visualization charts of the data uploaded.

