Homework Document

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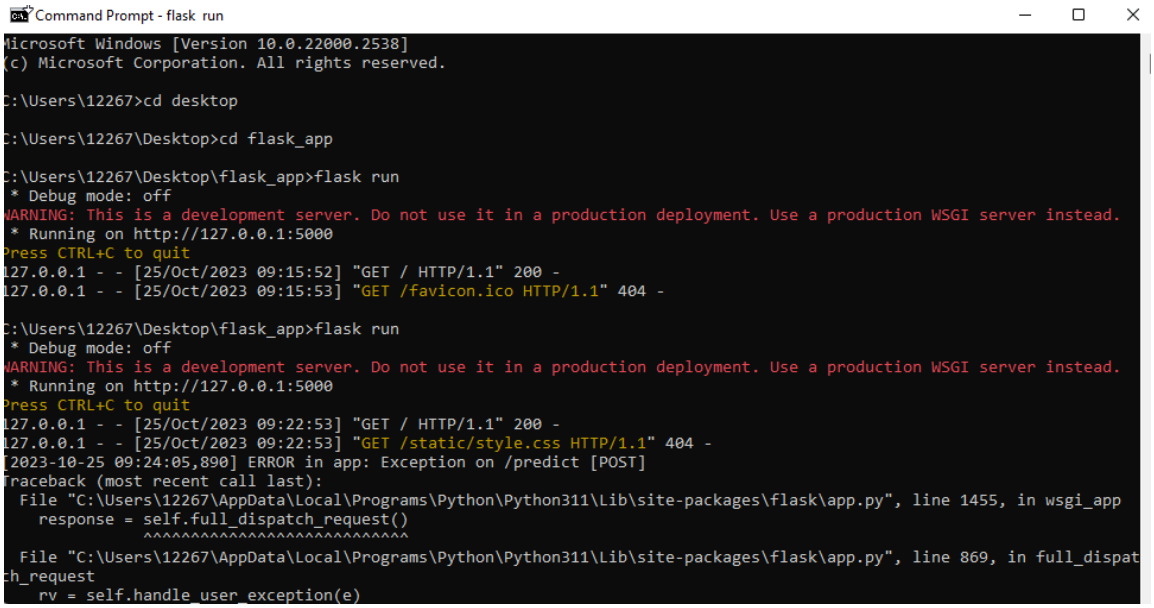
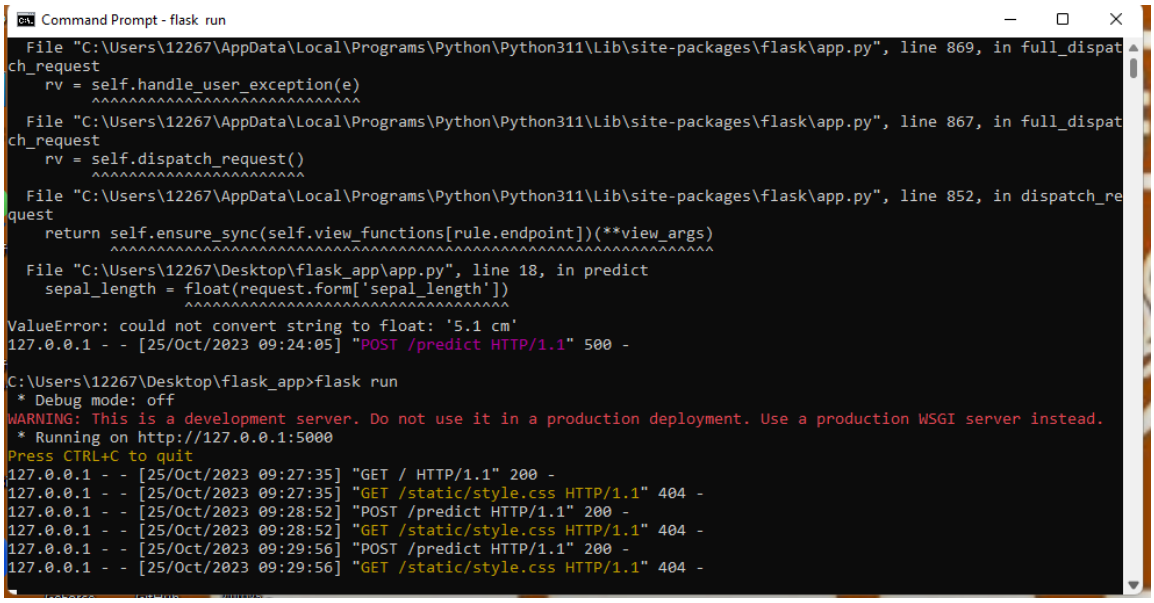
2. **Batch code:** LISUM26
3. **Submission date:** 10-25-2023
4. **Submitted to:** Data Glacier

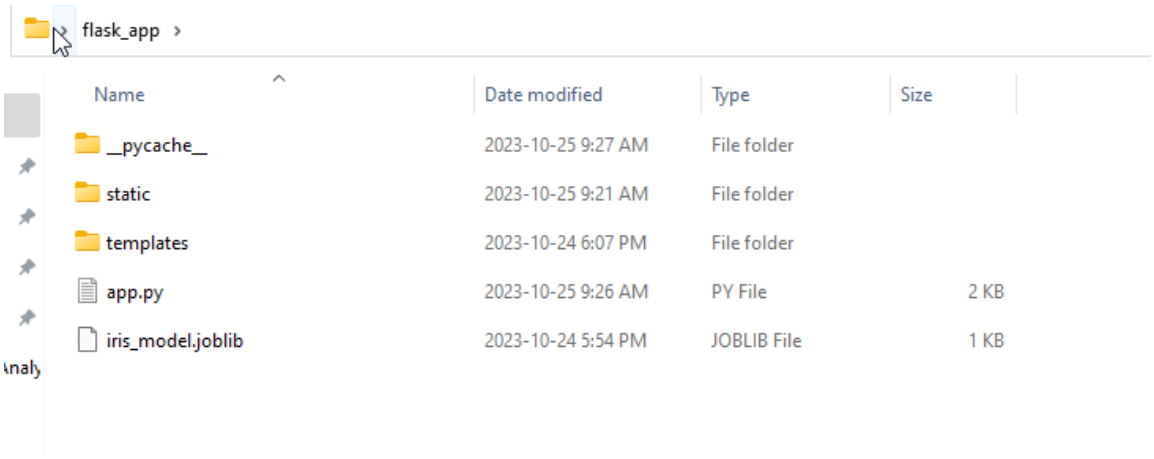
Snapshots of Each Step of Deployment

Writing Flask Application

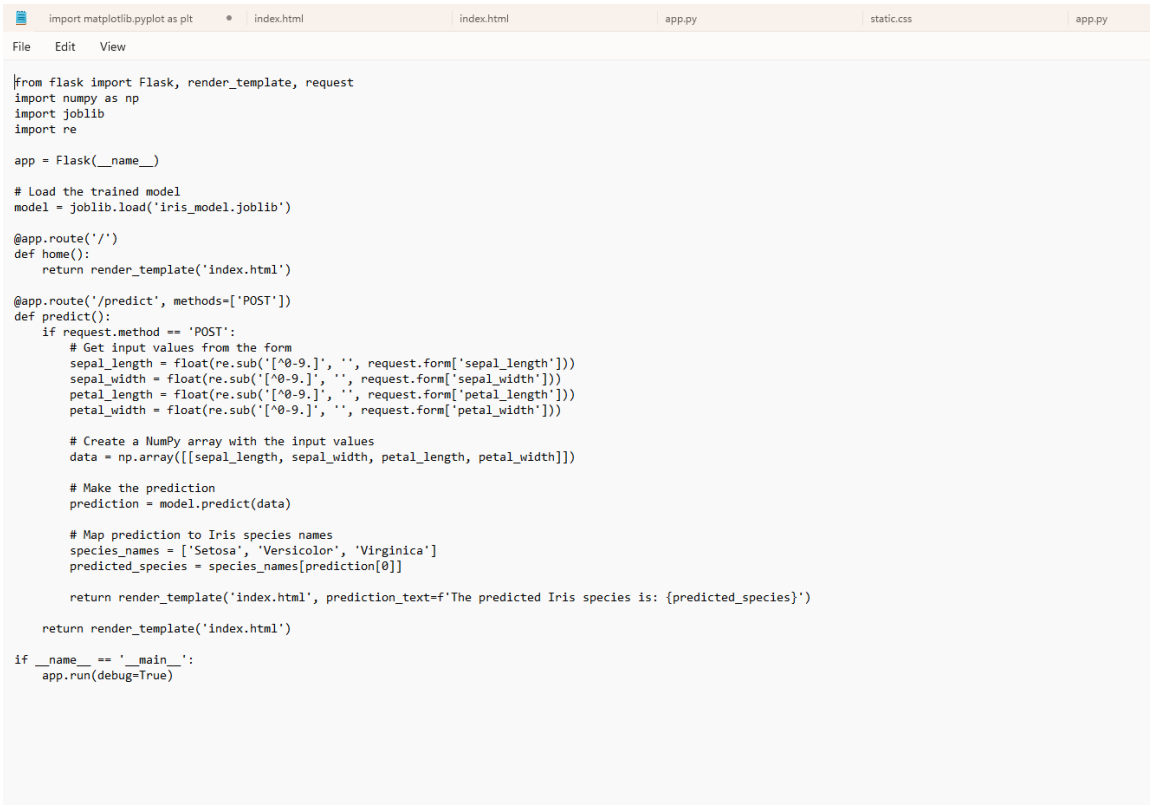




Showing Folders Containing Information



Showing app.py Code



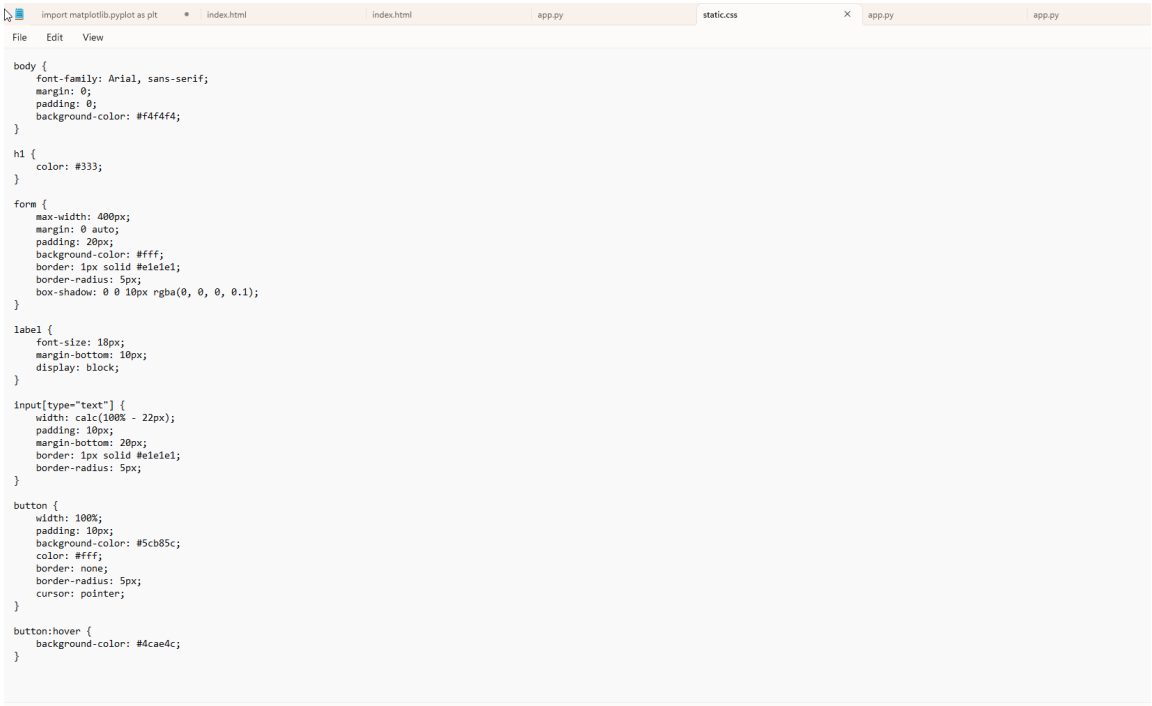
Showing index.html Code

import matplotlib.pyplot as plt • index.html index.html app.py

File Edit View

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Iris Species Predictor</title>
    <link rel="stylesheet" type="text/css" href="{{ url_for('static', filename='style.css') }}">
</head>
<body>
    <h1>Iris Species Predictor</h1>
    <form method="post" action="/predict">
        <label for="sepal_length">Sepal Length:</label>
        <input type="text" id="sepal_length" name="sepal_length" required>
        <br>
        <label for="sepal_width">Sepal Width:</label>
        <input type="text" id="sepal_width" name="sepal_width" required>
        <br>
        <label for="petal_length">Petal Length:</label>
        <input type="text" id="petal_length" name="petal_length" required>
        <br>
        <label for="petal_width">Petal Width:</label>
        <input type="text" id="petal_width" name="petal_width" required>
        <br>
        <button type="submit">Predict</button>
    </form>
    {% if prediction_text %}
        <h2>{{ prediction_text }}</h2>
    {% endif %}
</body>
</html>
```

Showing CSS Code



Opened the Link in Browser

Iris Species Predictor

Sepal Length:
Sepal Width:
Petal Length:
Petal Width:
Predict

Testing the Model

Iris Species Predictor

Sepal Length: 7.0
Sepal Width: 3.2
Petal Length: 4.7
Petal Width: 1.4
Predict

The predicted Iris species is: Versicolor

Iris Species Predictor

Sepal Length: 5.1
Sepal Width: 3.5
Petal Length: 1.4
Petal Width: 0.2
Predict

The predicted Iris species is: Setosa