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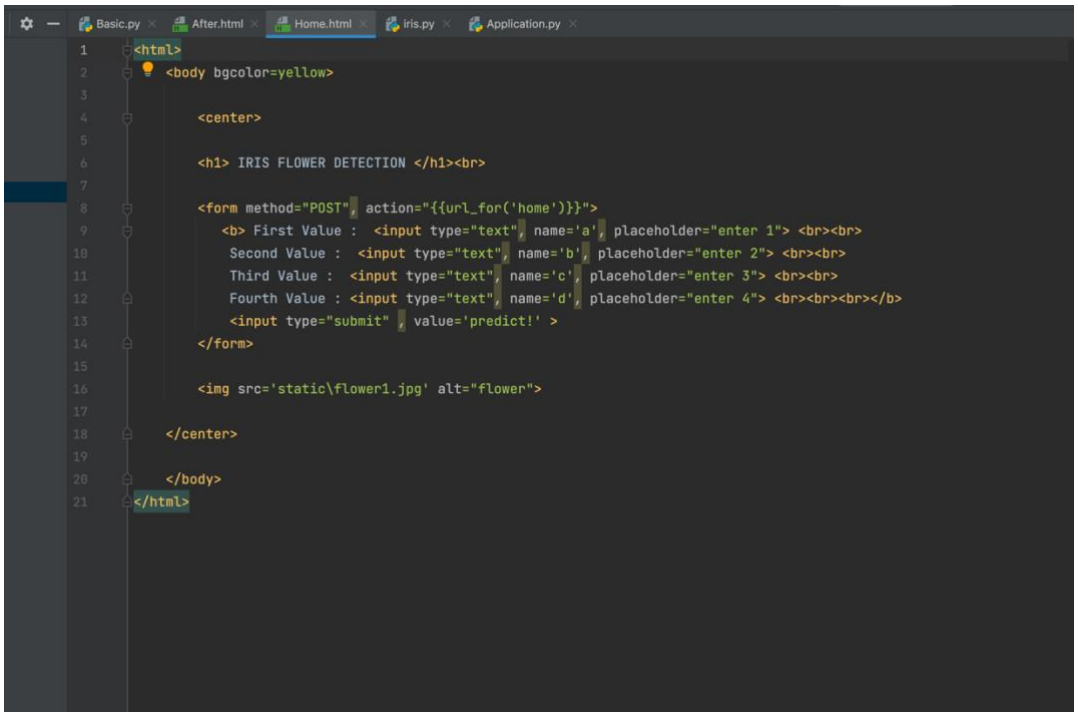
Batch Code: LISUM 10
Date: 29/06/2022

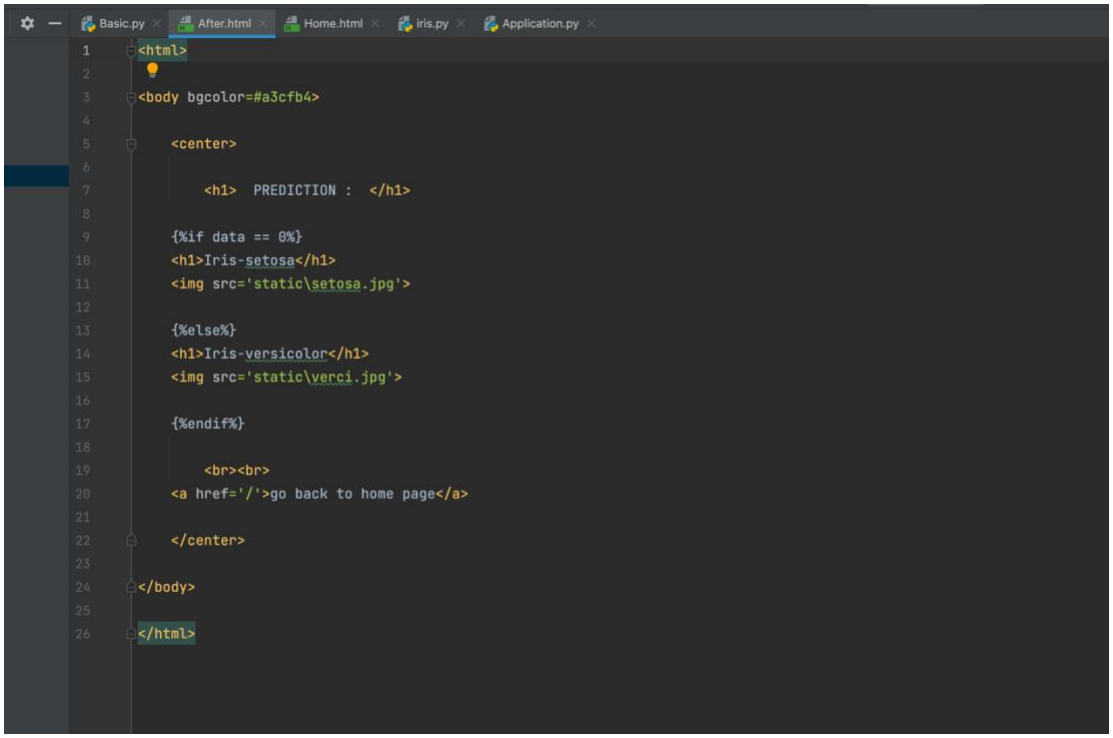
Created this webapp using the load_iris dataset.

1. HTML file for the homepage in the app.



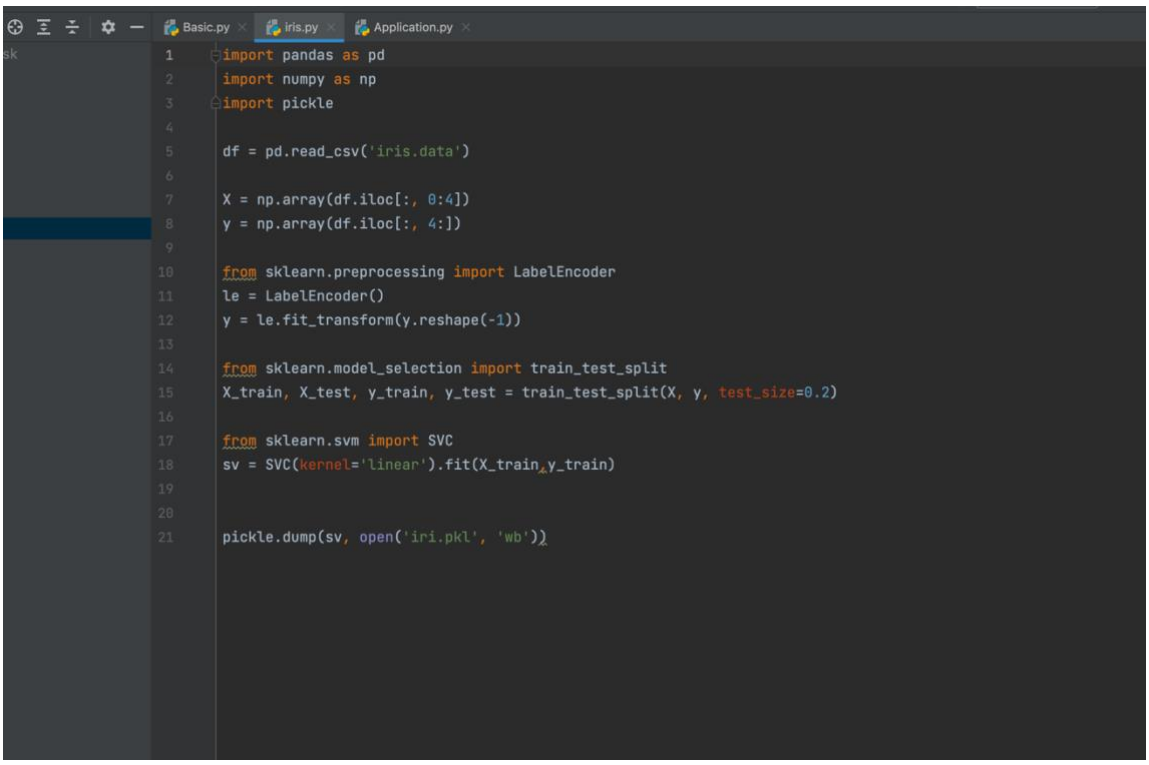

```
<html>
  <body bgcolor=yellow>

      <center>

      <h1> IRIS FLOWER DETECTION </h1><br>

      <form method="POST", action="{{url_for('home')}}">
         <b> First Value :  <input type="text", name='a', placeholder="enter 1"> <br><br>
          Second Value :  <input type="text", name='b', placeholder="enter 2"> <br><br>
          Third Value :  <input type="text", name='c', placeholder="enter 3"> <br><br>
          Fourth Value : <input type="text", name='d', placeholder="enter 4"> <br><br><br></b>
          <input type="submit" , value='predict!' >
      </form>

      <img src='static\flower1.jpg' alt="flower">

   </center>

   </body>
</html>
```

2. Creating HTML file for backend

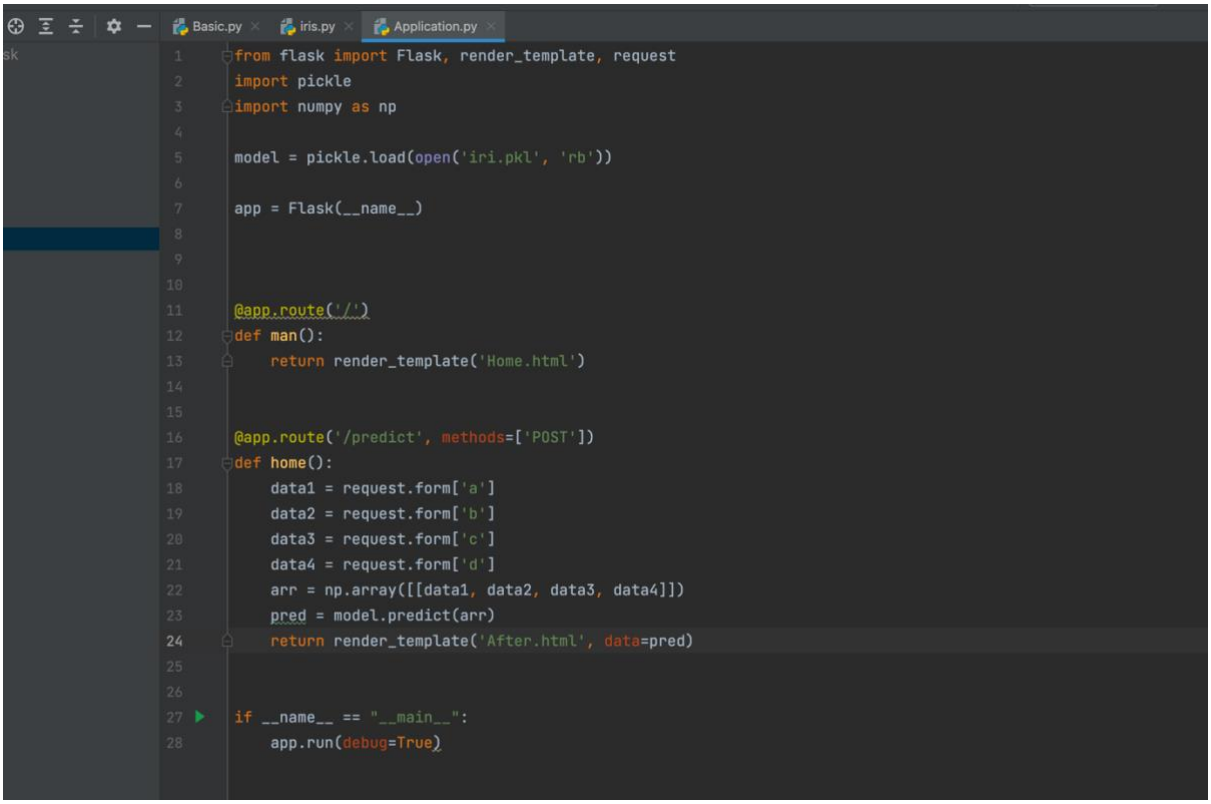



```
<html>

<body bgcolor=#a3cfb4>

    <center>

        <h1>  PREDICTION :  </h1>

    {%if data == 0%}
    <h1>Iris-setosa</h1>
    <img src='static\setosa.jpg'>

    {%else%}
    <h1>Iris-versicolor</h1>
    <img src='static\verci.jpg'>

    {%endif%}

        <br><br>
    <a href='/'>go back to home page</a>

    </center>

</body>

</html>
```

3. Loading the iris dataset



4. Creating the application file



5. Rendering the webapp

```python

from flask import Flask, render_template

app = Flask(__name__)


@app.route('/Home')
def home():
    return render_template('Home.html')

if __name__ == "__main__":
    app.run(debug=True)
```

6. The webapp