Deployment on Flask(Week4)

Name: Thanuja Modiboina
Batch code: LISUM19
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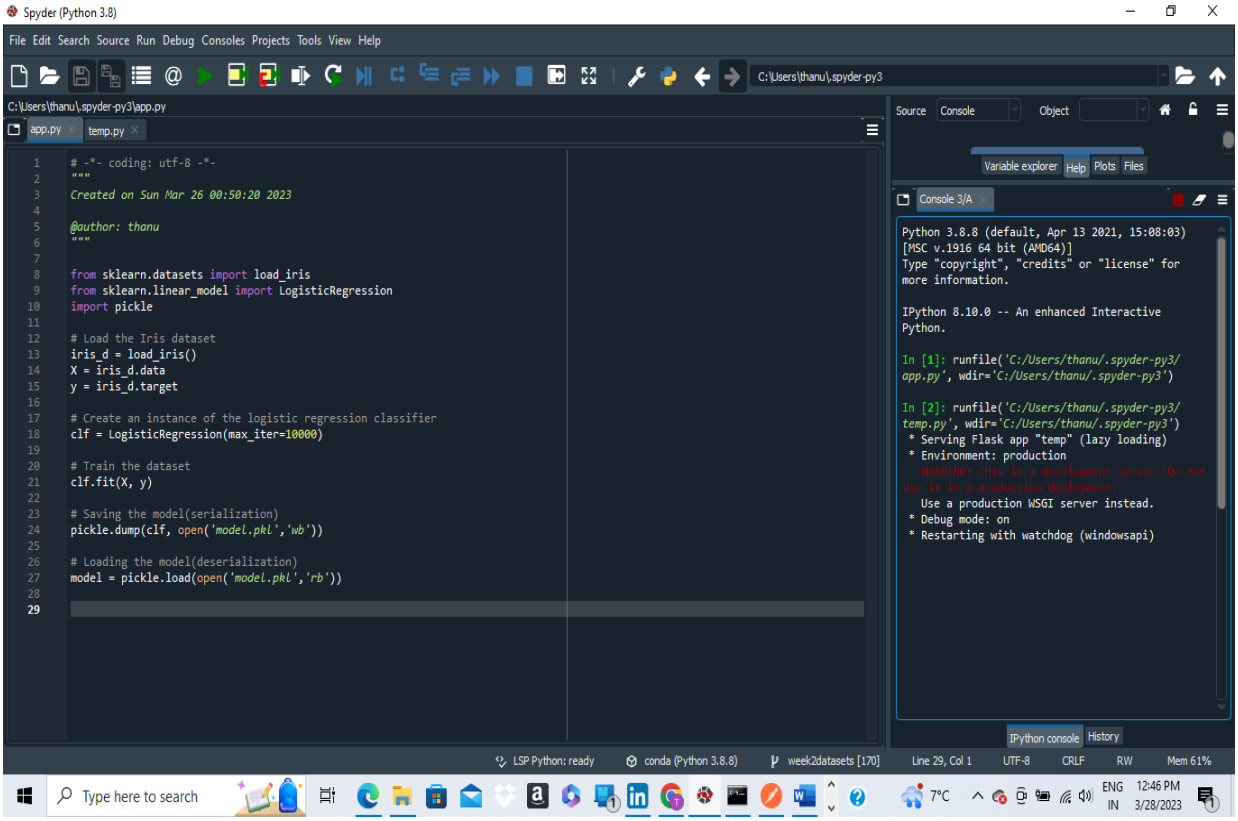
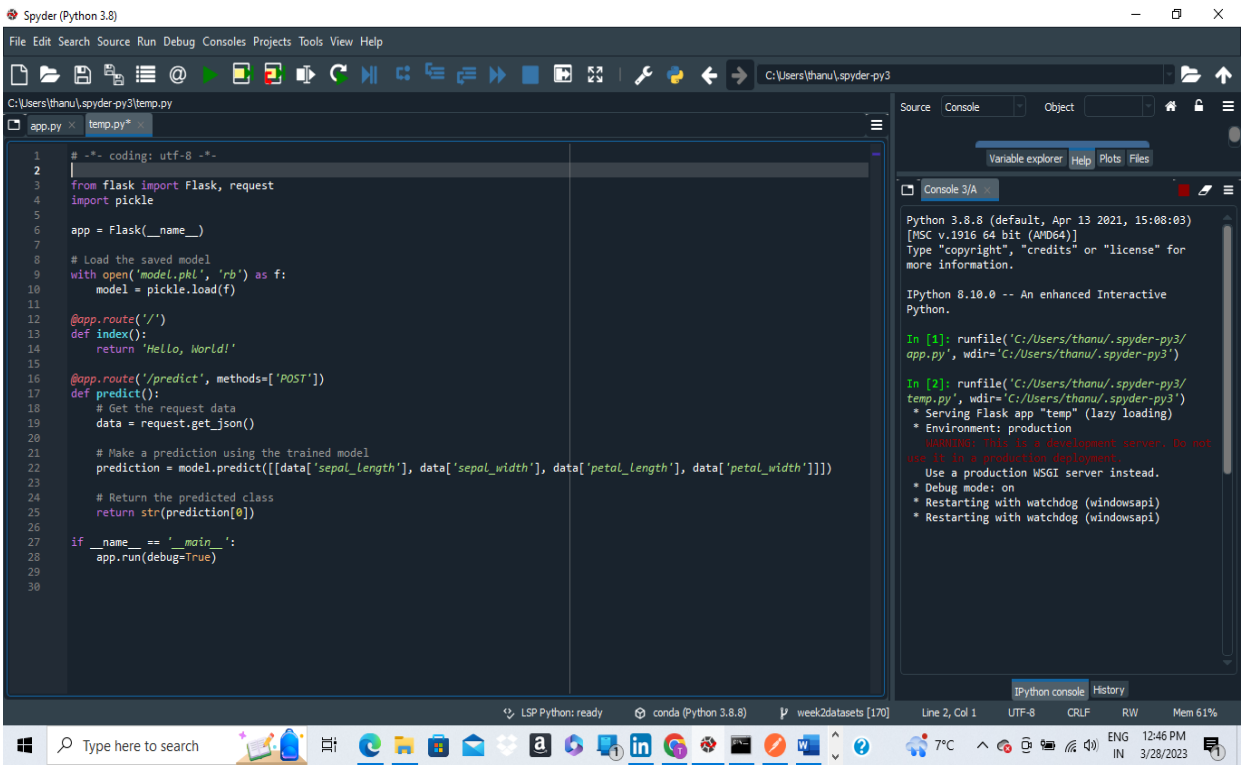
Steps of deployment:

1. Select toy data.
   Here, we are selecting 'iris data'. This data consists of 150 observations and 4 features(sepal length, sepal width, petal length, and petal width). There are 3 species of iris flowers Setosa, Versicolor, and Virginica. These are the target variables.

2. Train and save the model.
   Below is the code for training the model to predict species of the flower based on its four features and saving it.

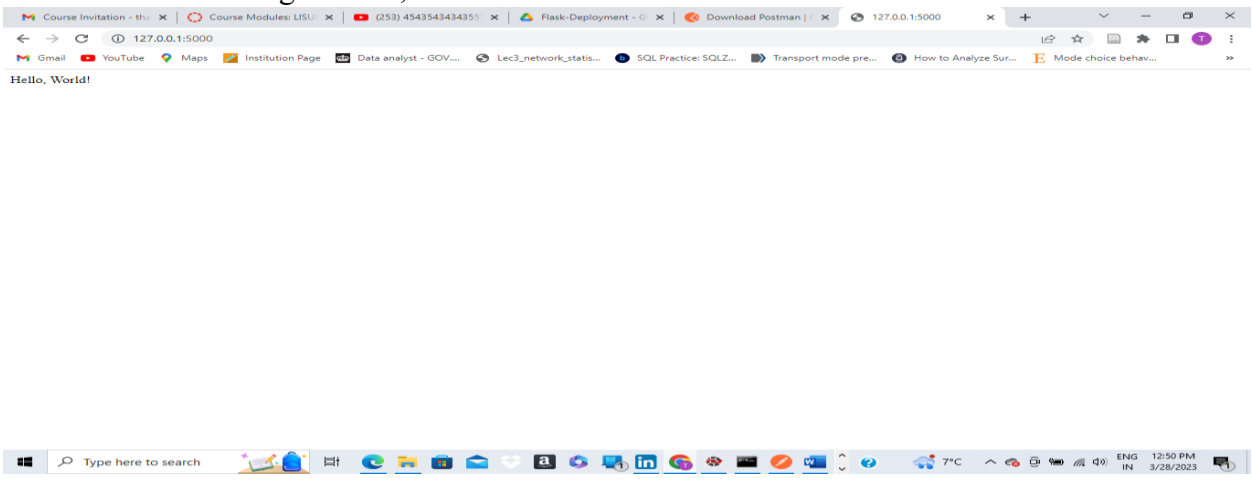


3. Deploy the model on a flask.
   We are creating the flask web app to deploy the model here.



4. The code for deployment is run in the command prompt. Then copy the URL of the website and paste it into the web browser.

We can see the message ‘Hello, World’.



5. To make a prediction, we used Postman to send a POST request to http://127.0.0.1:5000/predict with the JSON data containing the features. We got the result as 1 for the given data in JSON.