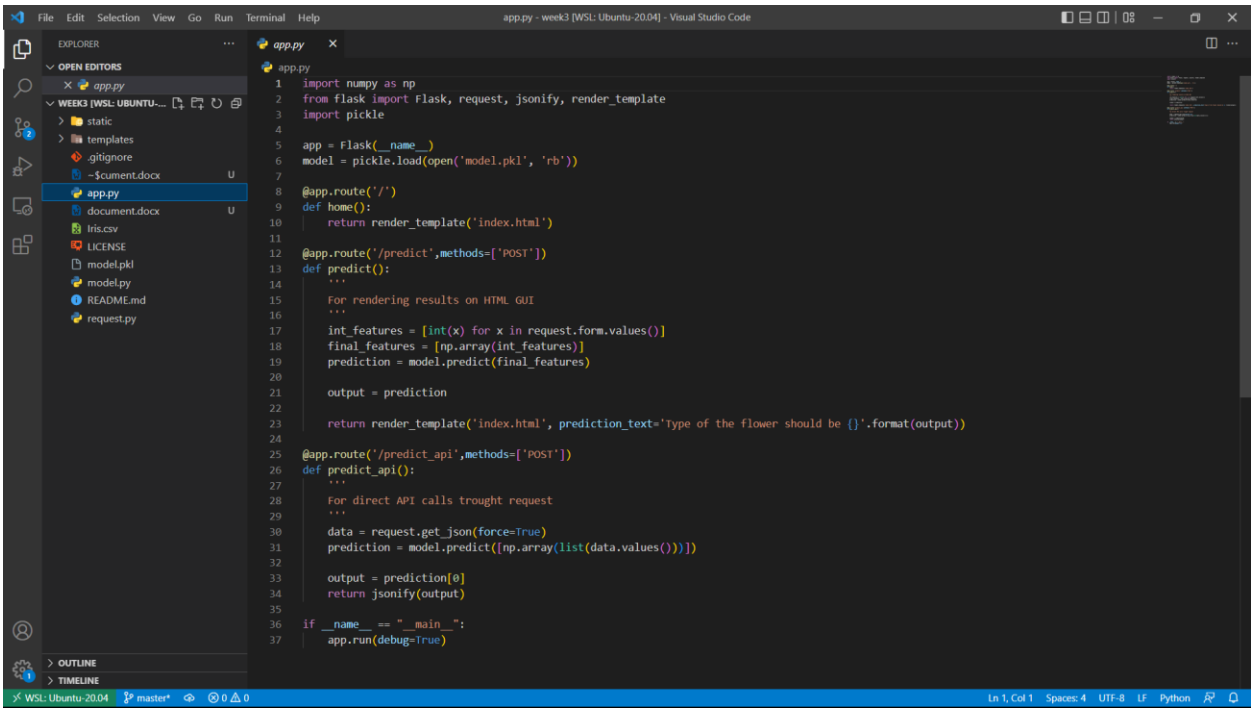
Name: Shiva Ramezani

Batch code: LISUM21

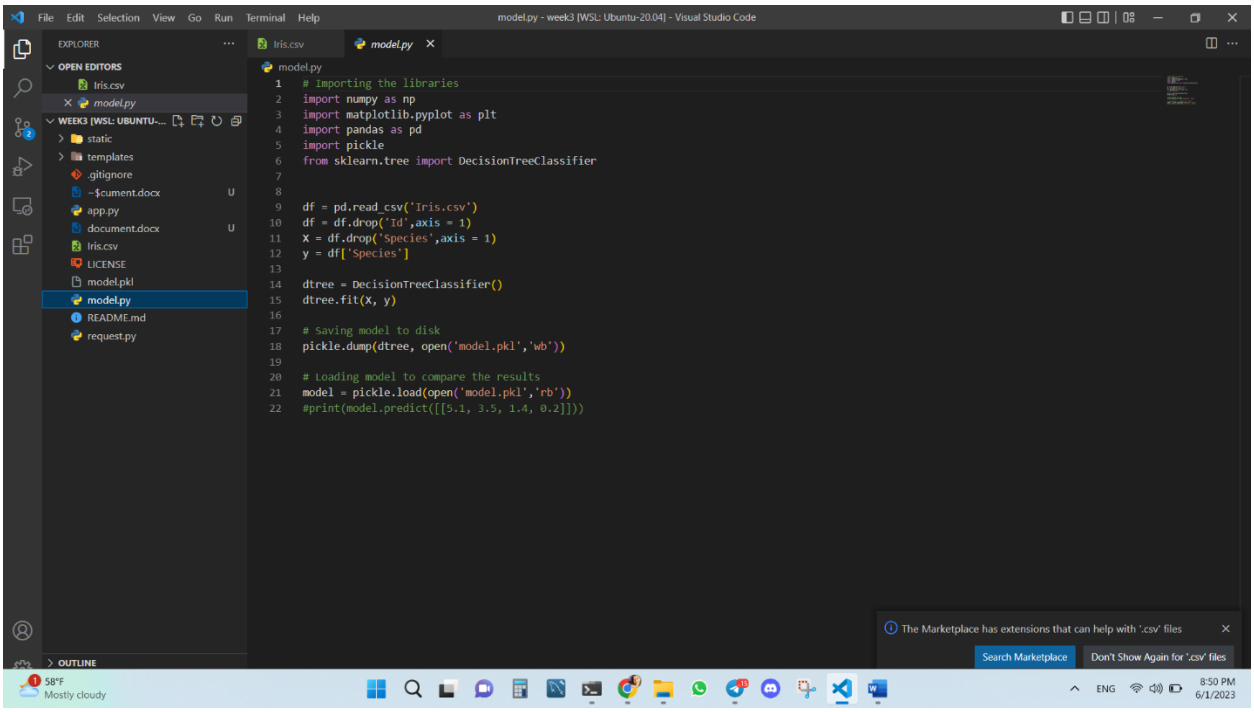
Submission Date: 05/31/2023

Submitted to: https://github.com/ShivaRamezani/FlaskDeplymentIRIS

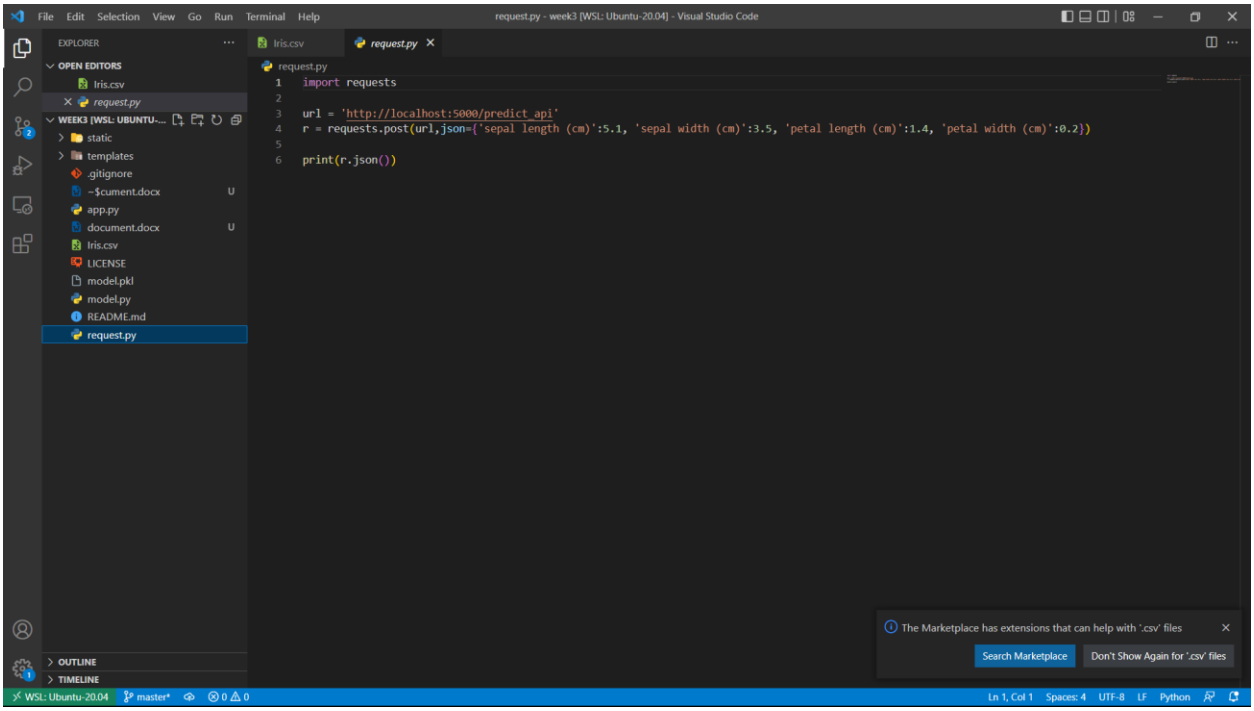
App.py file:



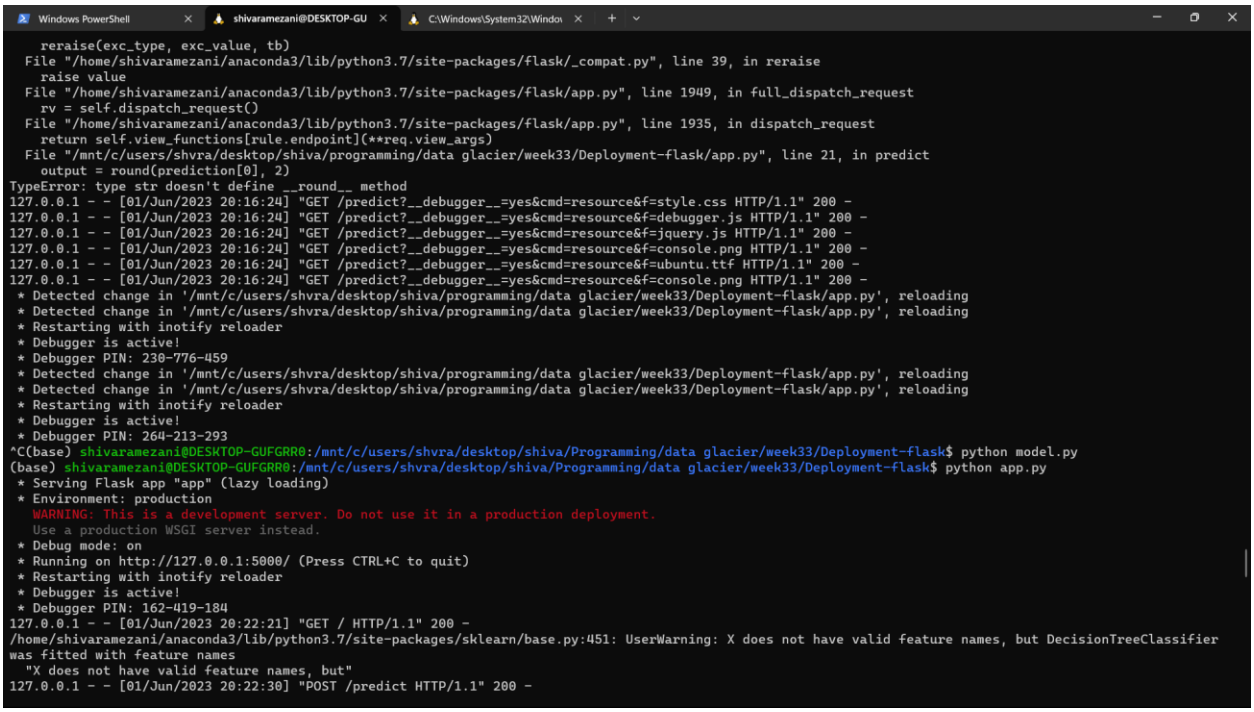
Model.py file:



Request.py file:

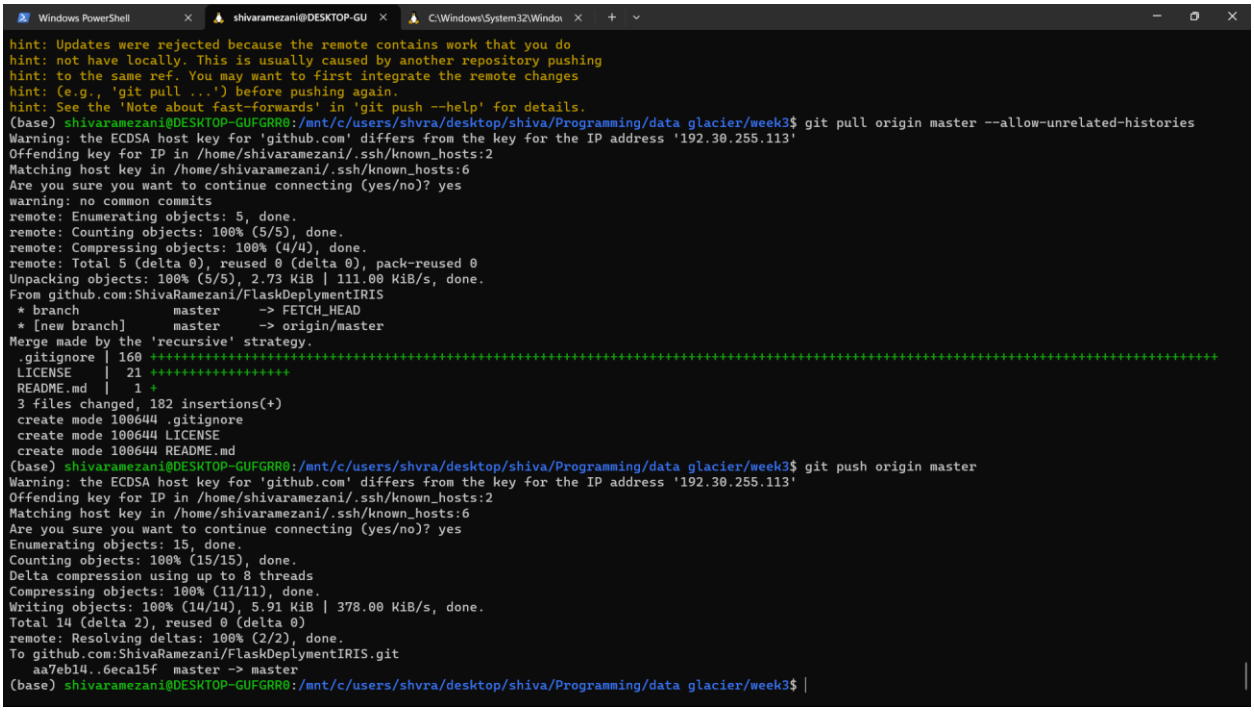


Command line prompts:



```
Windows PowerShell | shivaramezani@DESKTOP-GU | C:\Windows\System32\Windo

    reraise(exc_type, exc_value, tb)
  File "/home/shivaramezani/anaconda3/lib/python3.7/site-packages/flask/_compat.py", line 39, in reraise
    raise value
  File "/home/shivaramezani/anaconda3/lib/python3.7/site-packages/flask/app.py", line 1949, in full_dispatch_request
    rv = self.dispatch_request()
  File "/home/shivaramezani/anaconda3/lib/python3.7/site-packages/flask/app.py", line 1935, in dispatch_request
    return self.view_functions[rule.endpoint](**req.view_args)
  File "/mnt/c/users/shvra/desktop/shiva/programming/data glacier/week33/Deployment-flask/app.py", line 21, in predict
    output = round(prediction[0], 2)
TypeError: type str doesn't define __round__ method
127.0.0.1 - - [01/Jun/2023 20:16:24] "GET /predict?__debugger__=yes&cmd=resource&f=style.css HTTP/1.1" 200 -
127.0.0.1 - - [01/Jun/2023 20:16:24] "GET /predict?__debugger__=yes&cmd=resource&f=debugger.js HTTP/1.1" 200 -
127.0.0.1 - - [01/Jun/2023 20:16:24] "GET /predict?__debugger__=yes&cmd=resource&f=jquery.js HTTP/1.1" 200 -
127.0.0.1 - - [01/Jun/2023 20:16:24] "GET /predict?__debugger__=yes&cmd=resource&f=console.png HTTP/1.1" 200 -
127.0.0.1 - - [01/Jun/2023 20:16:24] "GET /predict?__debugger__=yes&cmd=resource&f=ubuntu.ttf HTTP/1.1" 200 -
127.0.0.1 - - [01/Jun/2023 20:16:24] "GET /predict?__debugger__=yes&cmd=resource&f=console.png HTTP/1.1" 200 -
 * Detected change in '/mnt/c/users/shvra/desktop/shiva/programming/data glacier/week33/Deployment-flask/app.py', reloading
 * Detected change in '/mnt/c/users/shvra/desktop/shiva/programming/data glacier/week33/Deployment-flask/app.py', reloading
 * Restarting with inotify reloader
 * Debugger is active!
 * Debugger PIN: 230-776-459
 * Detected change in '/mnt/c/users/shvra/desktop/shiva/programming/data glacier/week33/Deployment-flask/app.py', reloading
 * Detected change in '/mnt/c/users/shvra/desktop/shiva/programming/data glacier/week33/Deployment-flask/app.py', reloading
 * Restarting with inotify reloader
 * Debugger is active!
 * Debugger PIN: 264-213-293
^C(base) shivaramezani@DESKTOP-GUFGRR0:/mnt/c/users/shvra/desktop/shiva/Programming/data glacier/week33/Deployment-flask$ python model.py
(base) shivaramezani@DESKTOP-GUFGRR0:/mnt/c/users/shvra/desktop/shiva/Programming/data glacier/week33/Deployment-flask$ python app.py
 * Serving Flask app "app" (lazy loading)
 * 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
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
 * Restarting with inotify reloader
 * Debugger is active!
 * Debugger PIN: 162-419-184
127.0.0.1 - - [01/Jun/2023 20:22:21] "GET / HTTP/1.1" 200 -
/home/shivaramezani/anaconda3/lib/python3.7/site-packages/sklearn/base.py:451: UserWarning: X does not have valid feature names, but DecisionTreeClassifier
was fitted with feature names
  "X does not have valid feature names, but"
127.0.0.1 - - [01/Jun/2023 20:22:30] "POST /predict HTTP/1.1" 200 -
```



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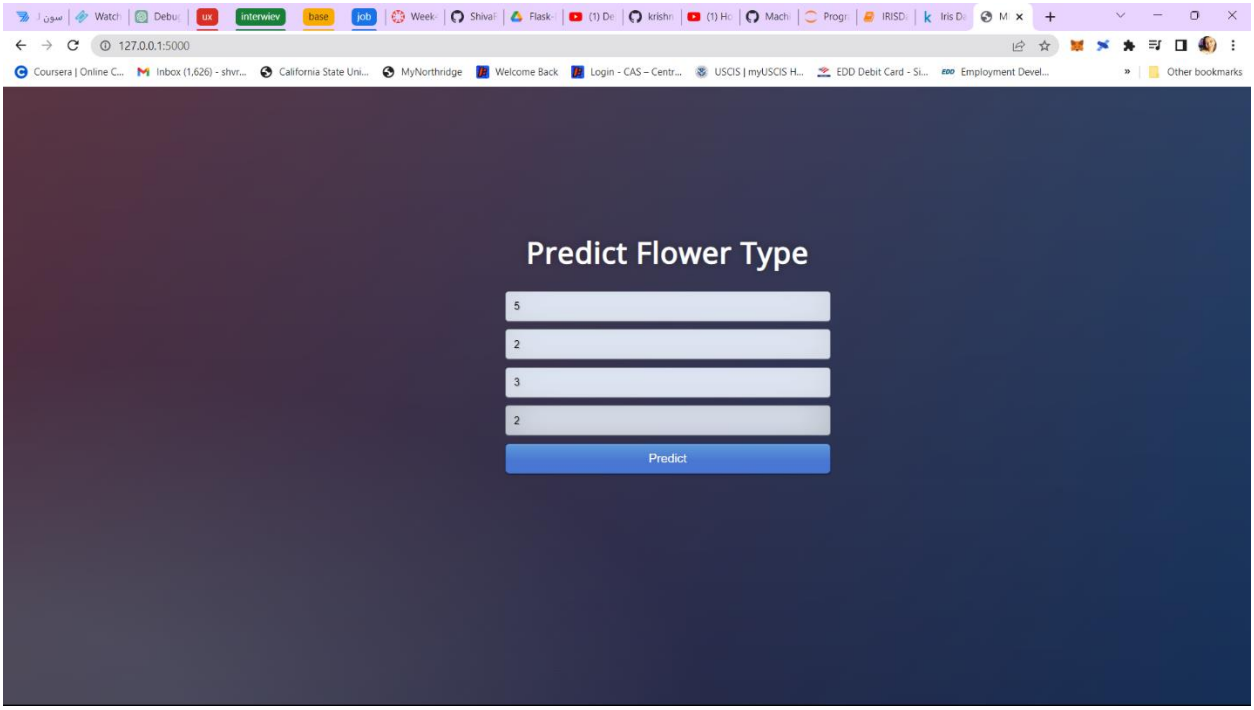
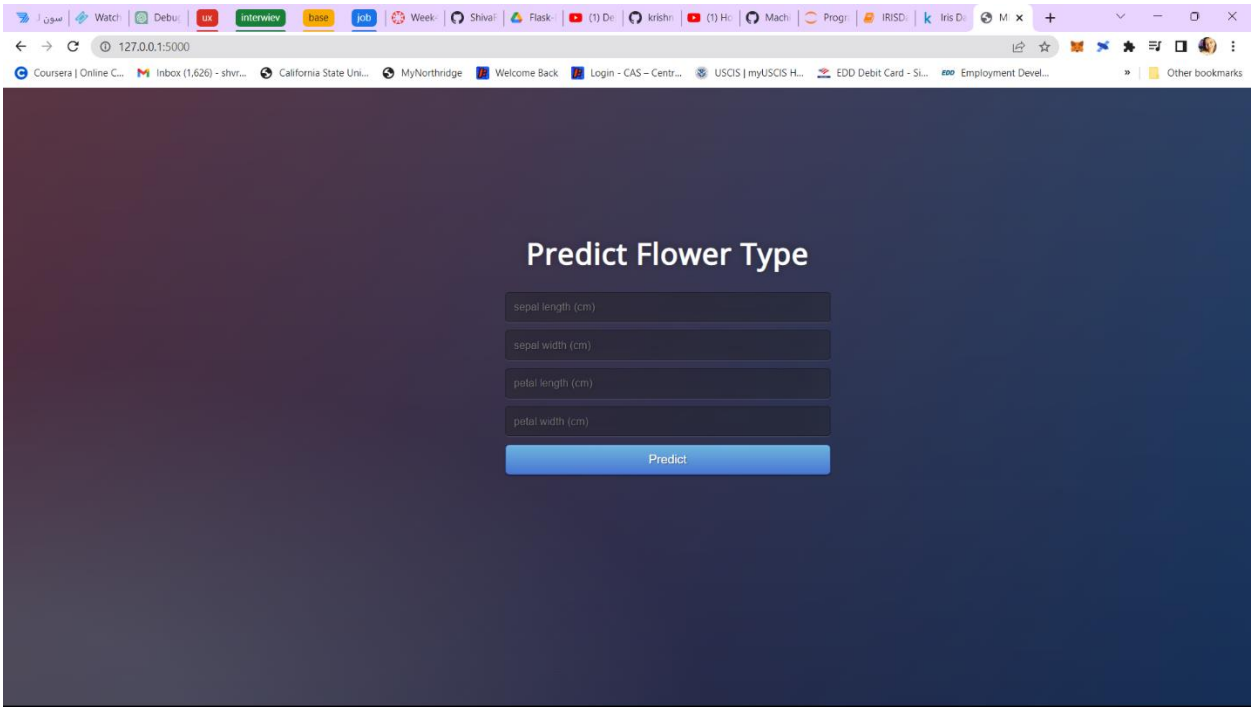
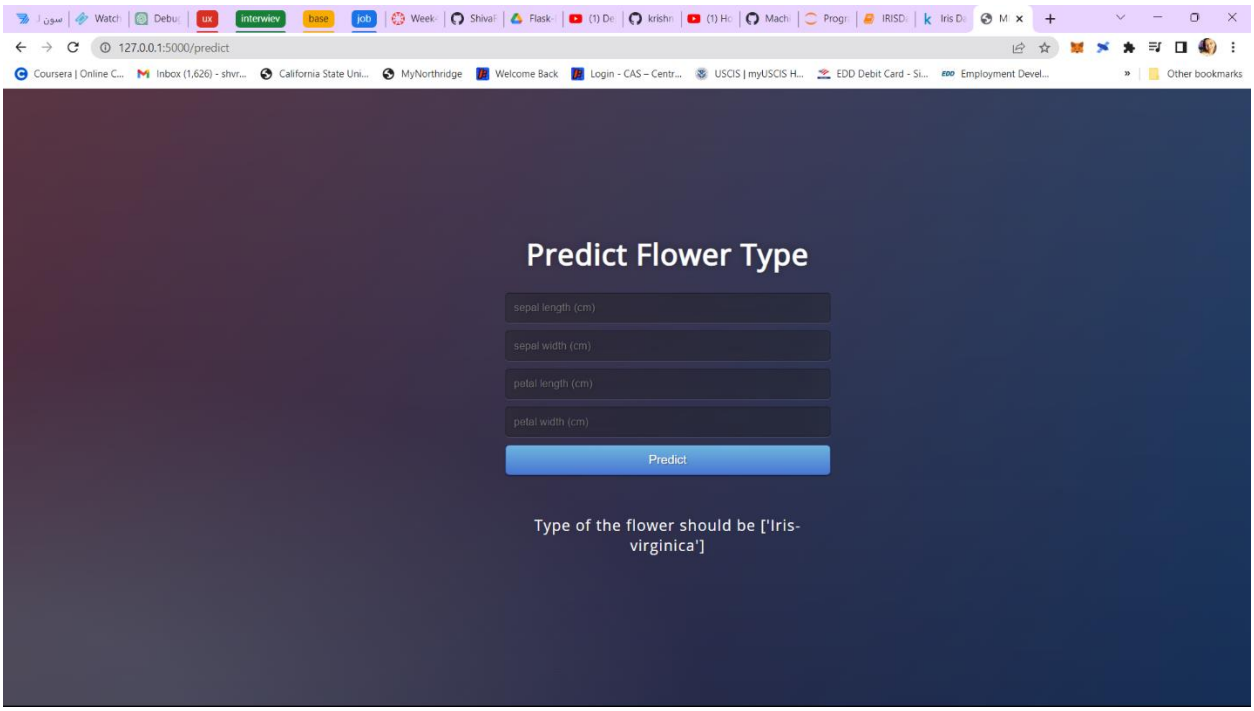
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
(base) shivaramezani@DESKTOP-GUFGRR0:/mnt/c/users/shvra/desktop/shiva/Programming/data glacier/week3$ git pull origin master --allow-unrelated-histories
Warning: the ECDSA host key for 'github.com' differs from the key for the IP address '192.30.255.113'
Offending key for IP in /home/shivaramezani/.ssh/known_hosts:2
Matching host key in /home/shivaramezani/.ssh/known_hosts:6
Are you sure you want to continue connecting (yes/no)? yes
warning: no common commits
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (5/5), 2.73 KiB | 111.00 KiB/s, done.
From github.com:ShivaRamezani/FlaskDeplymentIRIS
 * branch            master     -> FETCH_HEAD
 * [new branch]      master     -> origin/master
Merge made by the 'recursive' strategy.
 .gitignore | 160 ++++++
```

Web App:


127.0.0.1:5000
Predict Flower Type
5
2
3
2
Predict


127.0.0.1:5000
Predict Flower Type
sepal length (cm)
sepal width (cm)
petal length (cm)
petal width (cm)
Predict


127.0.0.1:5000/predict
Predict Flower Type
sepal length (cm)
sepal width (cm)
petal length (cm)
petal width (cm)
Predict
Type of the flower should be ['Iris-virginica']