Flask: CNN model Deployment

- Step 1: Import header for flask and call libraries, as well as, create instance of flask app in script
- Step 2: Load ML model
- Step 3: Create a method that makes the homepage using index.html
- Step 4: Add GET request to capture input file and POST request to output predictions

Steps 1-4 pic:

Step 5: Customize index.html

- Change the amount of inputs to 1
- Change input type = 'text' to input type = 'file'
- Change enctype from default to enctype = 'multipart/form-data'

Step 5 pic:

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Step 6: Create method for Prediction of CNN model

Step 6 pic:

Step 7: Create secret key and debug app in main method:

Step 7 pic:

```
if __name__ == "__main__": # Step 8 Debug
app.secret_key = 'super secret key' # idk why we need this, but it wont run without it for some reason (reasearch later?)
app.run(debug=True)
```