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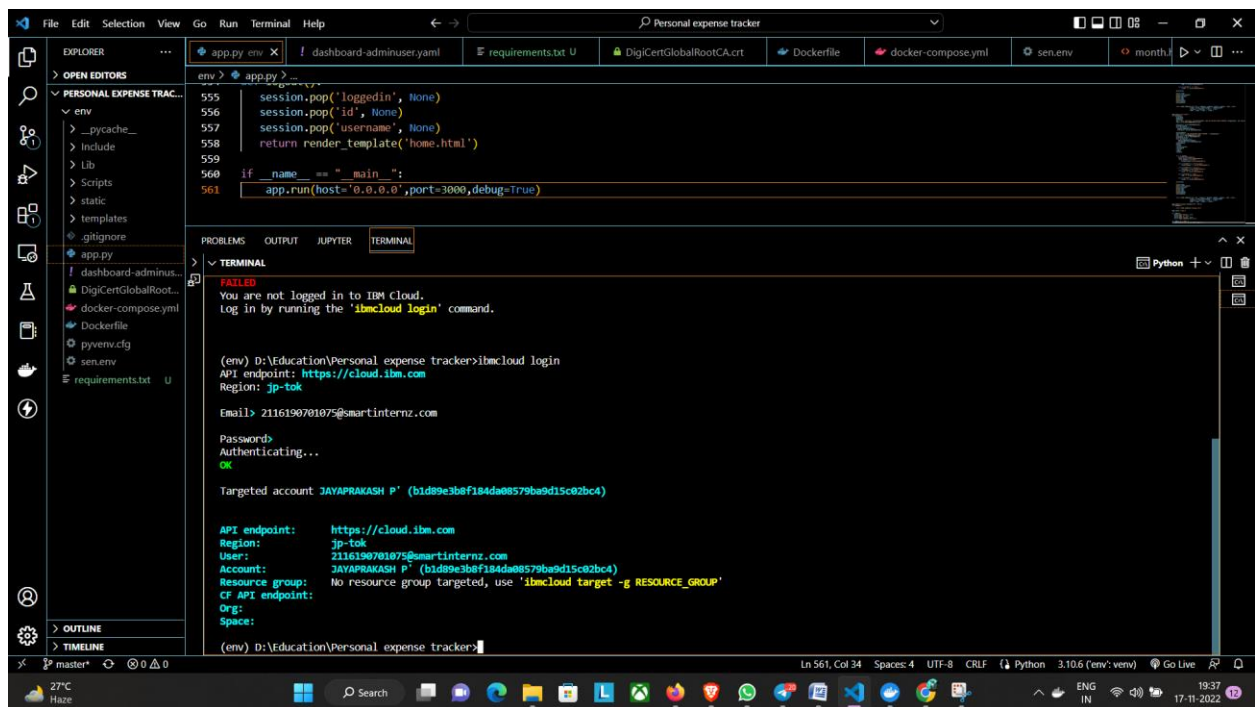
SHAIKH FIRAAS A

SPRINT-4

SCREEN SHOT

1) PUSH THE DOCKER IMAGE TO IBM CONTAINER REGISTER

STEP-1 IBM-LOGIN



The screenshot shows a Visual Studio Code editor window titled "Personal expense tracker". The Explorer sidebar on the left shows a project structure with folders like "env", "static", and "templates", and files like "app.py", "requirements.txt", and "Dockerfile". The main editor area displays the code in "app.py", which includes session management and a Flask application run command. Below the code editor, the "TERMINAL" tab is active, showing the output of the "ibmcloud login" command. The terminal output indicates a failed login attempt due to not being logged in, followed by a successful login for the user "JAYAPRAKASH P" with a targeted account ID. The terminal also displays the API endpoint, region, user, account, resource group, and organization details.

```
env > app.py > ...
555 session.pop('loggedin', None)
556 session.pop('id', None)
557 session.pop('username', None)
558 return render_template('home.html')
559
560 if __name__ == '__main__':
561     app.run(host='0.0.0.0', port=3000, debug=True)

PROBLEMS OUTPUT JUPYTER TERMINAL
TERMINAL
FAILED
You are not logged in to IBM Cloud.
Log in by running the 'ibmcloud login' command.

(env) D:\Education\Personal expense tracker>ibmcloud login
API endpoint: https://cloud.ibm.com
Region: jp-tok

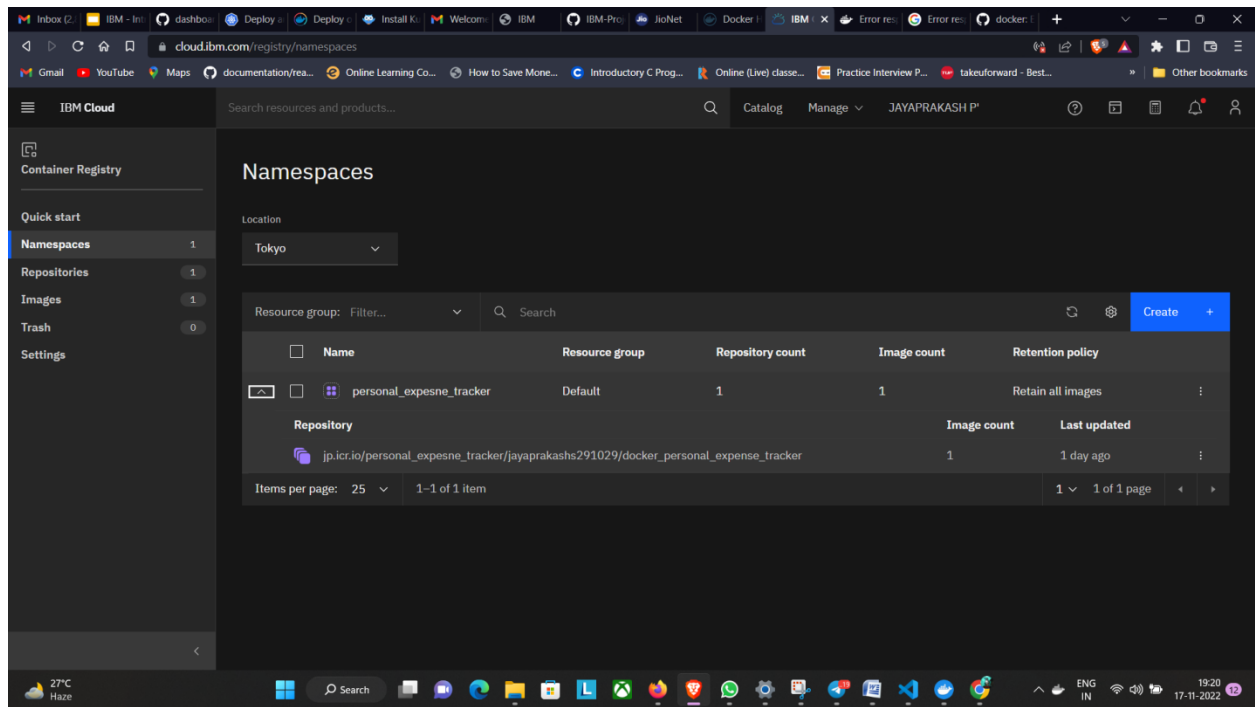
Email> 2116190701075@smartinternz.com

Password>
Authenticating...
OK

Targeted account JAYAPRAKASH P' (b1d89e3b8f184da08579ba9d15c02bc4)

API endpoint: https://cloud.ibm.com
Region: jp-tok
User: 2116190701075@smartinternz.com
Account: JAYAPRAKASH P' (b1d89e3b8f184da08579ba9d15c02bc4)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
Org:
Space:

(env) D:\Education\Personal expense tracker>
```



STEP-2 LIST OUT THE CURRENT REPOSITRY IMAGES

```
(env) D:\Education\Personal expense tracker>ibmcloud cr region-set jp-tok
The region is set to 'ap-north', the registry is 'jp.icr.io'.

OK

(env) D:\Education\Personal expense tracker>ibmcloud cr image-list
Listing images...

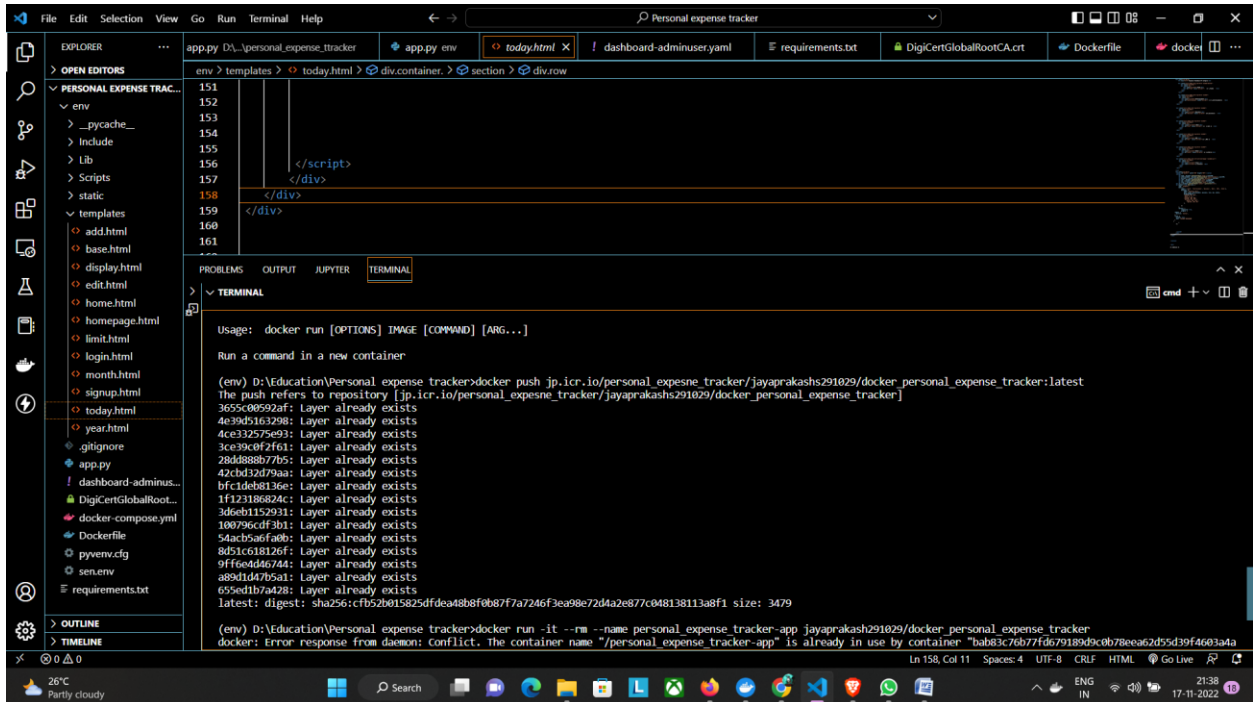
Repository          Tag    Digest          Namespace          Created    Size    Security
status
jp.icr.io/personal_expesne_tracker/jayaprakashs291029/docker_personal_expense_tracker latest cfb52b015825 personal_expesne_tracker 1 day ago 527 MB -

OK
```

STEP-3 TAG THE IMAGE

```
(env) D:\Education\Personal expense tracker>docker tag personal_expense_tracker jp.icr.io/personal_expense_tracker/jayaprakash291029/docker_personal_expense_tracker:latest
```

STEP-4 PUSH TO IBM CONTAINER REGISTRY

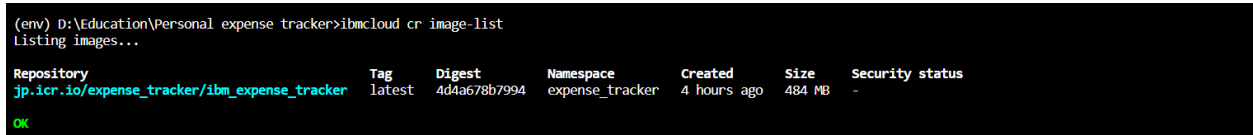


The screenshot shows the Visual Studio Code interface with a project named 'Personal expense tracker'. The Explorer sidebar on the left shows the file structure, including 'env', 'templates', and various HTML files. The main editor area displays the 'today.html' file. The Terminal panel at the bottom shows the execution of a Docker push command. The output indicates that the image was successfully pushed to the IBM Container Registry.

```
(env) D:\Education\Personal expense tracker>docker push jp.icr.io/personal_expense_tracker/jayaprakash291029/docker_personal_expense_tracker:latest
The push refers to repository [jp.icr.io/personal_expense_tracker/jayaprakash291029/docker_personal_expense_tracker]
3655c08592af: Layer already exists
4e39d5163298: Layer already exists
4ce32575e93: Layer already exists
3ee30c0f2161: Layer already exists
28dd888b77b5: Layer already exists
42cbd32d79aa: Layer already exists
bfcideb8136e: Layer already exists
1f123186824c: Layer already exists
3d0eb1152911: Layer already exists
100796cdf3b1: Layer already exists
54acb5a6fa0b: Layer already exists
8d51c618126f: Layer already exists
9ff6e4d46744: Layer already exists
a83d1d47b5a1: Layer already exists
695e41b7a52b: Layer already exists
latest: digest: sha256:cfb52b015825dfdea48b8f0b87f7a7246f3ea99e72da2e877c948138113a8f1 size: 3479

(env) D:\Education\Personal expense tracker>docker run -it --rm --name personal_expense_tracker-app jayaprakash291029/docker_personal_expense_tracker
docker: Error response from daemon: Conflict. The container name "/personal_expense_tracker-app" is already in use by container "bab83c76b77fd679189d9c0b78ee062d5d39f4603a4a". You can reuse the name with the -f flag.
```

STEP-5 LIST OUT THE CONTAINER IMAGES



The screenshot shows a terminal window with the command 'docker image ls' executed. The output lists the container images stored locally, including the 'jp.icr.io/personal_expense_tracker' image.

```
(env) D:\Education\Personal expense tracker>ibmcloud cr image-list
Listing images...

Repository          Tag      Digest          Namespace      Created      Size      Security status
jp.icr.io/personal_expense_tracker  latest  4d4a678b7994    expense_tracker  4 hours ago  484 MB    -

OK
```