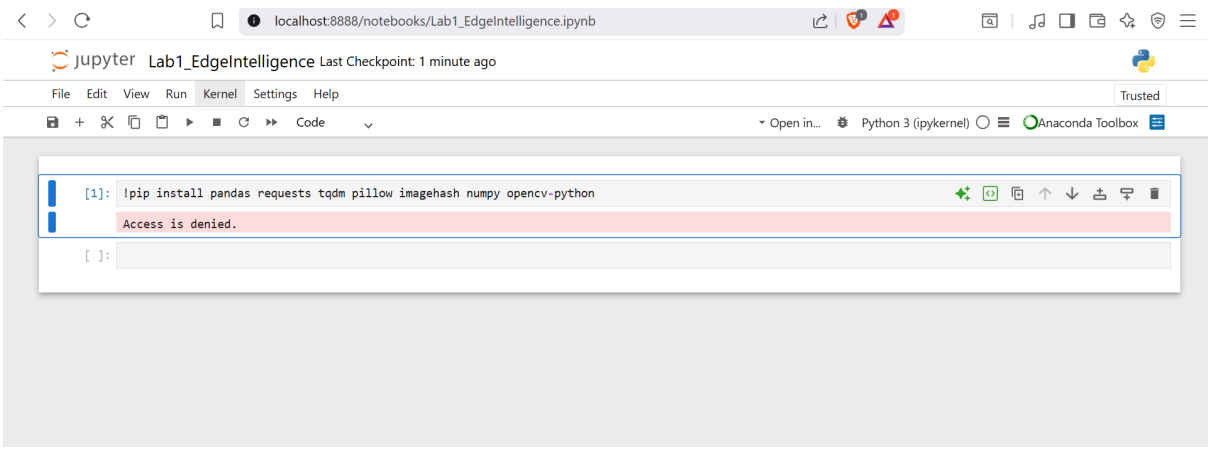
SHRUTI PANDEY 25MML0020

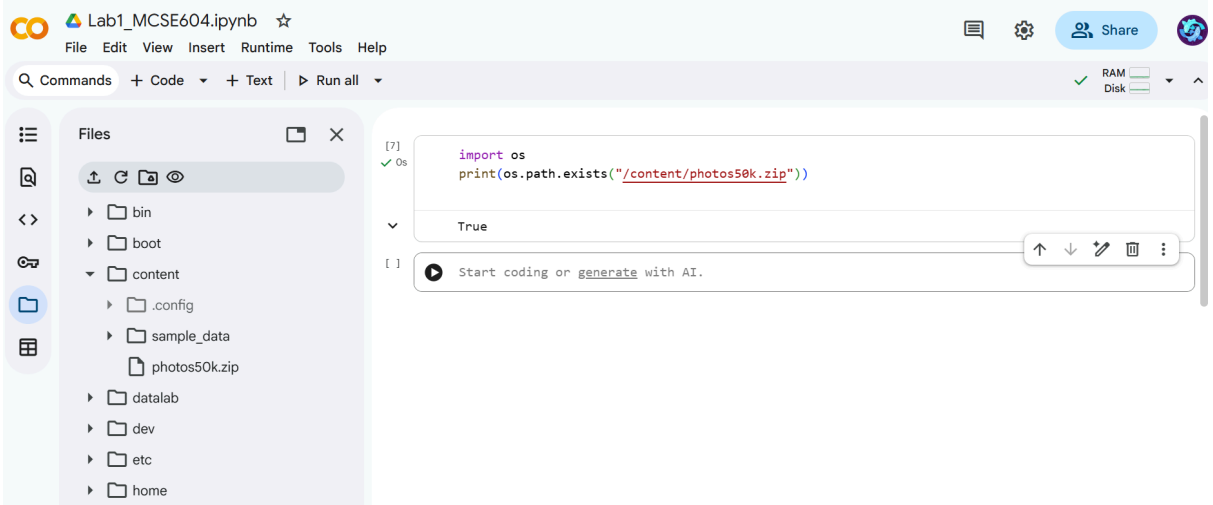
ERRORS FILE

1. Libraries wasn't getting installed on Jupyter Notebook , so switched to google colab



2. File was on wrong path , it was showing false;

2a . Corrected the error by giving the correct path ,like below



3. Error in unzipping and renaming the folder

Unzipping folder of images

```
!mkdir -p /content/photos50k
!unzip -q "/photos50k (2).zip" -d "/content/photos50k (2)"
```

```
unzip:  cannot find or open /photos50k (2).zip, /photos50k (2).zip.zip or /photos50k (2).zip.ZIP.
```

3a. Fixed the error using right indentation for folder

Renaming folder of images

```
`# This is formatted as code`
```

[16] ✓ 6s

```
!mkdir -p "/content/photos50k"
!unzip -q "/content/photos50k (2).zip" -d "/content/photos50k"
```

4. Using the below code , the size of images was not getting printed

[31] ✓ 0s

```
from PIL import Image
import os

path = "/content/photos50k/train"

files = [f for f in os.listdir(path) if f.lower().endsw

for f in files[:20]:
    img = Image.open(os.path.join(path, f))
    print(f, img.size)
```

[ ]

```
Start coding or generate with AI.
```

4a. Fixed the above error by rewriting the path name - total images 40000 in Training dataset and 10000 in Test dataset

```
2]
Os
```

```python
from PIL import Image
import os

path = "/content/photos50k/train"

image_files = []

for root, dirs, files in os.walk(path):
    for f in files:
        if f.lower().endswith((".jpg",".jpeg",".png")):
            image_files.append(os.path.join(root, f))

print("Found:", len(image_files), "images")

for f in image_files[:20]:
    img = Image.open(f)
    print(os.path.basename(f), img.size)
```

```
Found: 40000 images
011051.jpg (256, 256)
011364.jpg (256, 256)
011707.jpg (256, 256)
```

5. Different classes for training and testing dataset was there , so making them in same classes for proper classification

```
Train classes: 39
Test classes : 10
After fix — Train classes: 39 Test classes: 40
Sample test counts (first 10 classes):
0000 1000
0001 1000
0002 1000
0003 1000
0004 1000
0005 1000
0007 1000
0008 1000
0009 1000
0010 50
```