Open Source Software
Lab Test 2
ODD SYSTEMS

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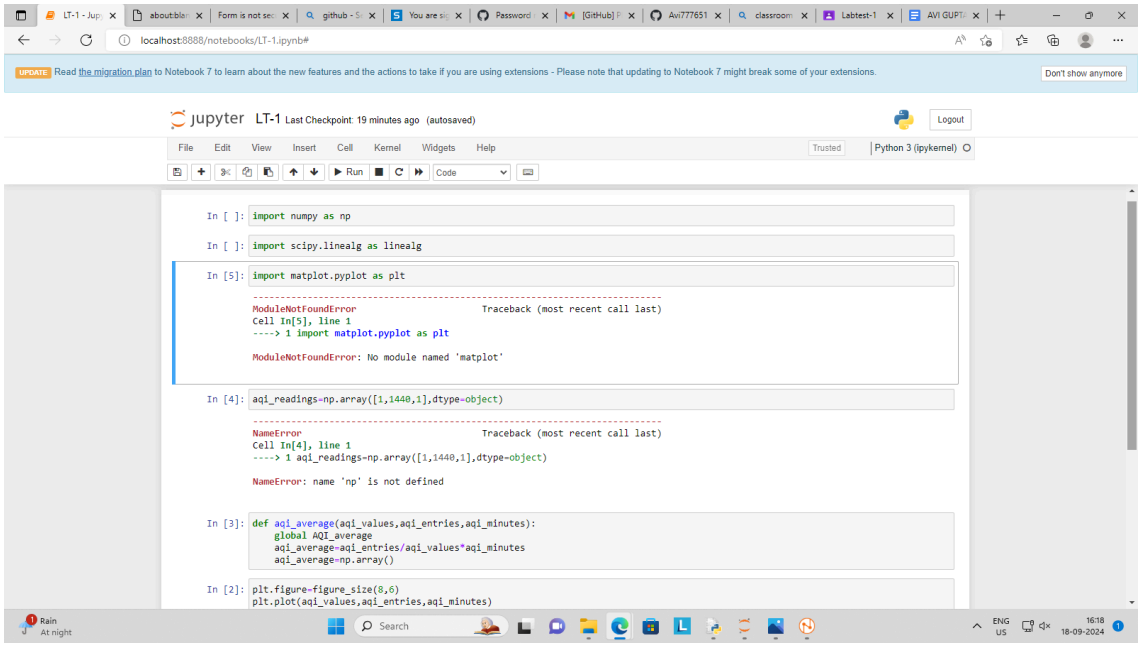
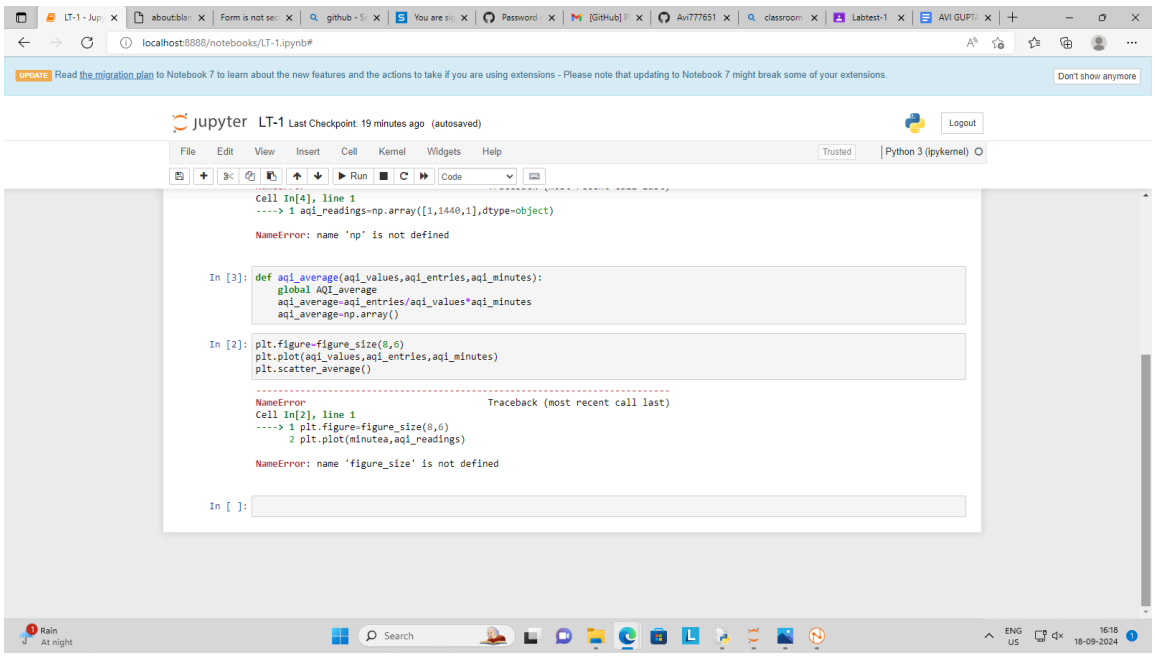
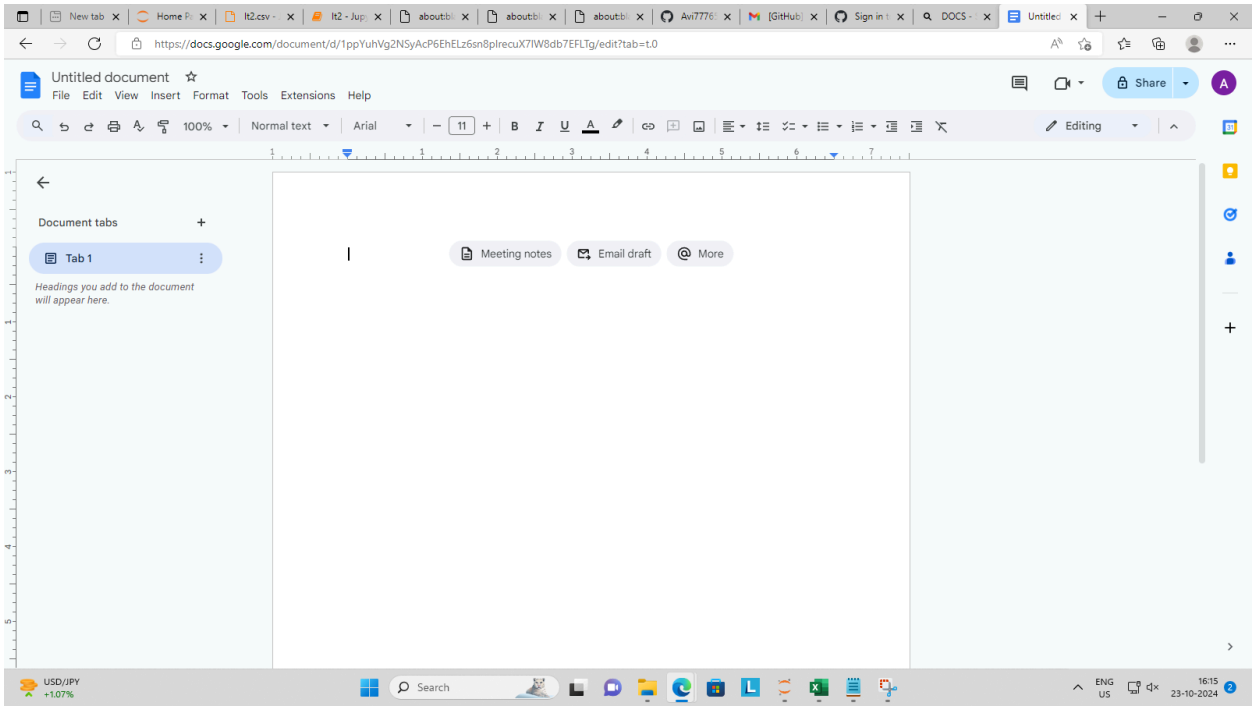
Code Link-Q1 - Jupyter Notebook ,q2 - Jupyter Notebook

Github Profile Link-Avi777651 (github.com)



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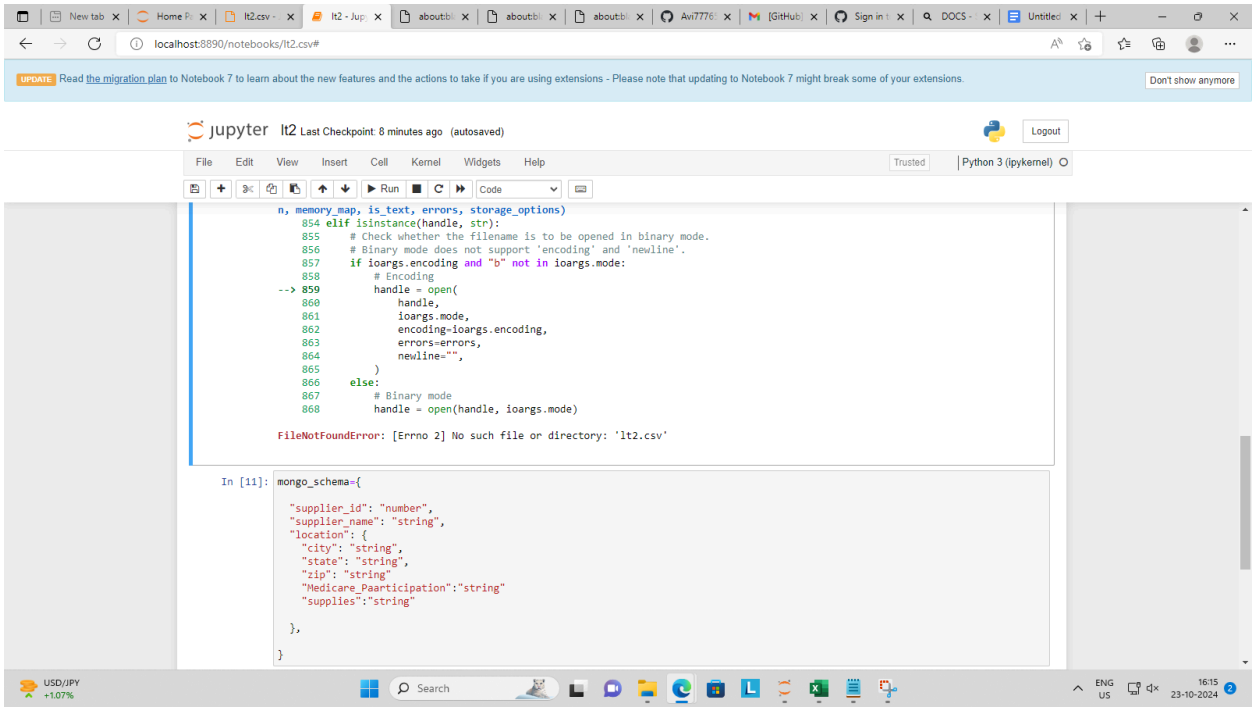
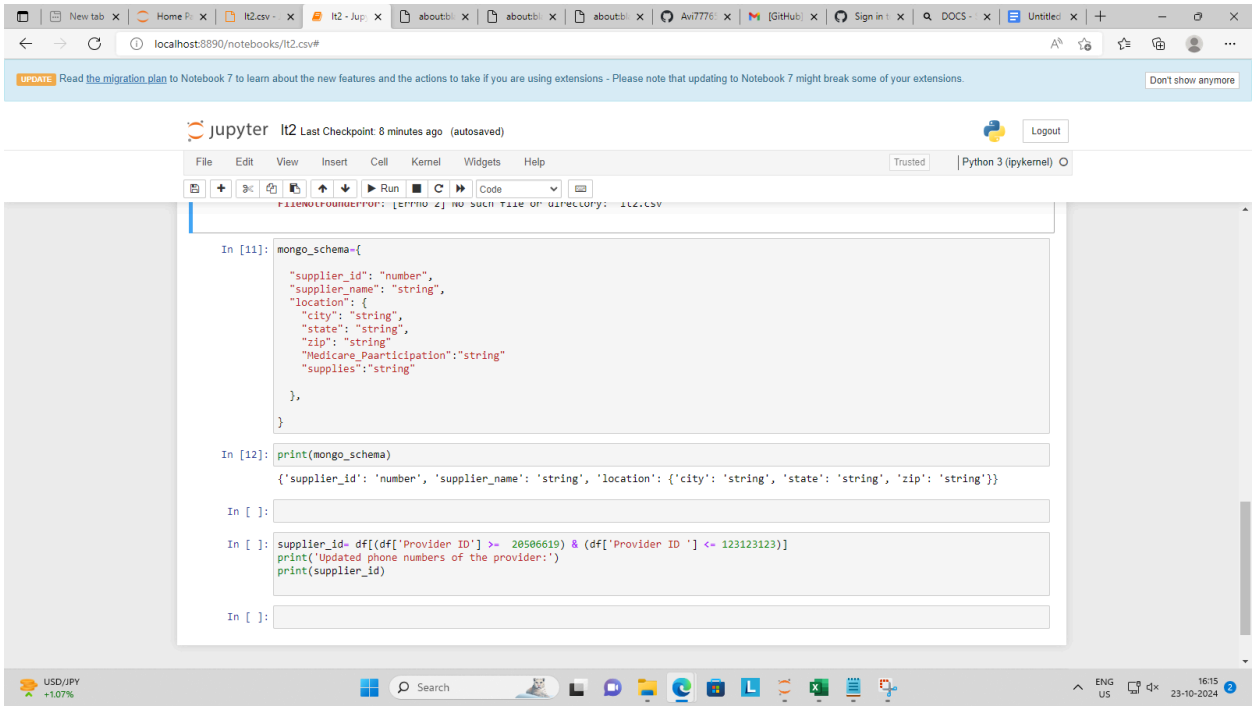

localhost:8890/notebooks/lt2.csv#
jupyter lt2 Last Checkpoint: 8 minutes ago (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Trusted
Python 3 (ipykernel)
Run
Code
n, memory_map, is_text, errors, storage_options)
854 elif isinstance(handle, str):
855 # Check whether the filename is to be opened in binary mode.
856 # Binary mode does not support 'encoding' and 'newline'.
857 if ioargs.encoding and "b" not in ioargs.mode:
858 # Encoding
--> 859 handle = open(
860 handle,
861 ioargs.mode,
862 encoding=ioargs.encoding,
863 errors=errors,
864 newline="",
865)
866 else:
867 # Binary mode
868 handle = open(handle, ioargs.mode)
FileNotFoundError: [Errno 2] No such file or directory: 'lt2.csv'
In [11]:
mongo_schema={
"supplier_id": "number",
"supplier_name": "string",
"location": {
"city": "string",
"state": "string",
"zip": "string"
"Medicare_Paarticipation":"string"
"supplies":"string"
},
}



jupyter lt2 Last Checkpoint: 8 minutes ago (autosaved)

Logout

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Trusted | Python 3 (ipykernel)

Run Code

FileNotFoundError: [Errno 2] No such file or directory: 'lt2.csv'

In [11]:
```
mongo_schema={

  "supplier_id": "number",
  "supplier_name": "string",
  "location": {
    "city": "string",
    "state": "string",
    "zip": "string"
    "Medicare_Paarticipation":"string"
    "supplies":"string"

  },

}
```

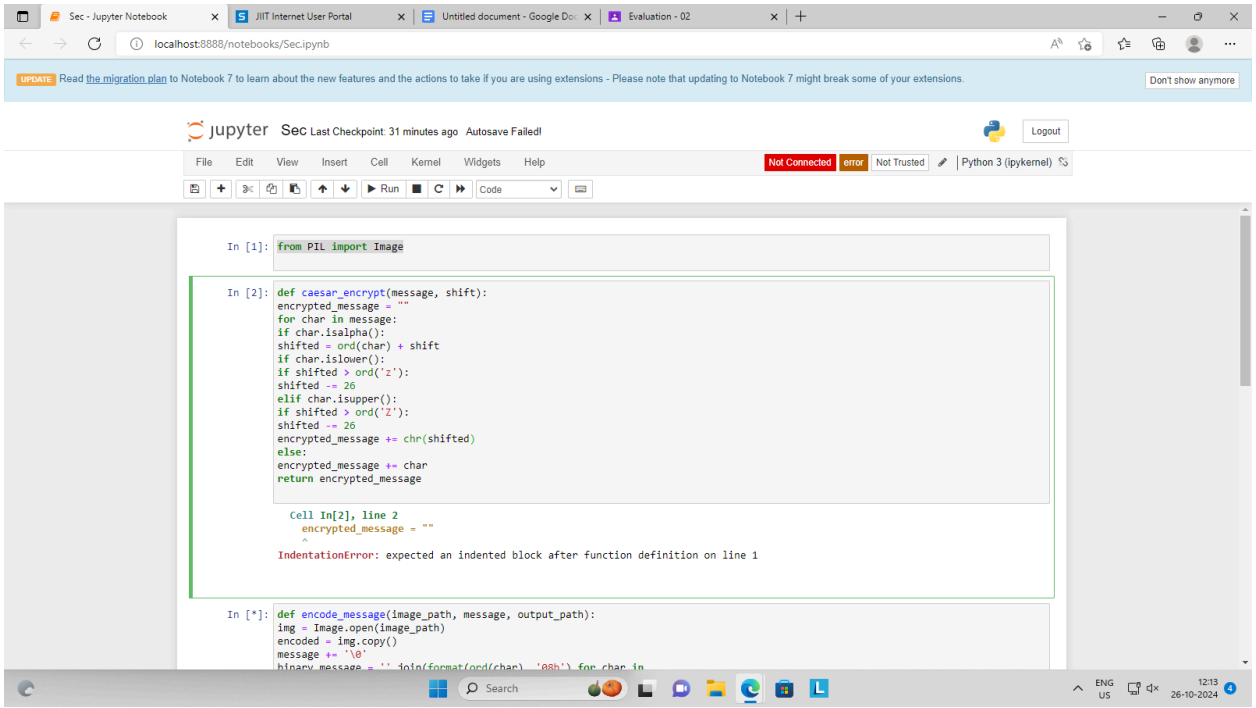
In [12]:
```
print(mongo_schema)
```

```
{'supplier_id': 'number', 'supplier_name': 'string', 'location': {'city': 'string', 'state': 'string', 'zip': 'string'}}
```

In [ ]:

In [ ]:
```
supplier_id= df[(df['Provider ID'] >=  20506619) & (df['Provider ID '] <= 123123123)]
print('Updated phone numbers of the provider:')
print(supplier_id)
```

In [ ]:



jupyter Sec Last Checkpoint: 31 minutes ago Autosave Failed!

Logout

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Not Connected | error | Not Trusted | Python 3 (ipykernel)

Run Code

In [1]:
```
from PIL import Image
```

In [2]:
```
def caesar_encrypt(message, shift):
encrypted_message = ""
for char in message:
if char.isalpha():
shifted = ord(char) + shift
if char.islower():
if shifted > ord('z'):
shifted -= 26
elif char.isupper():
if shifted > ord('Z'):
shifted -= 26
encrypted_message += chr(shifted)
else:
encrypted_message += char
return encrypted_message
```

```
  Cell In[2], line 2
    encrypted_message = ""
    ^
IndentationError: expected an indented block after function definition on line 1
```

In [*]:
```
def encode_message(image_path, message, output_path):
img = Image.open(image_path)
encoded = img.copy()
message += '\0'
binary_message = ''.join(format(ord(char), '08b') for char in
```