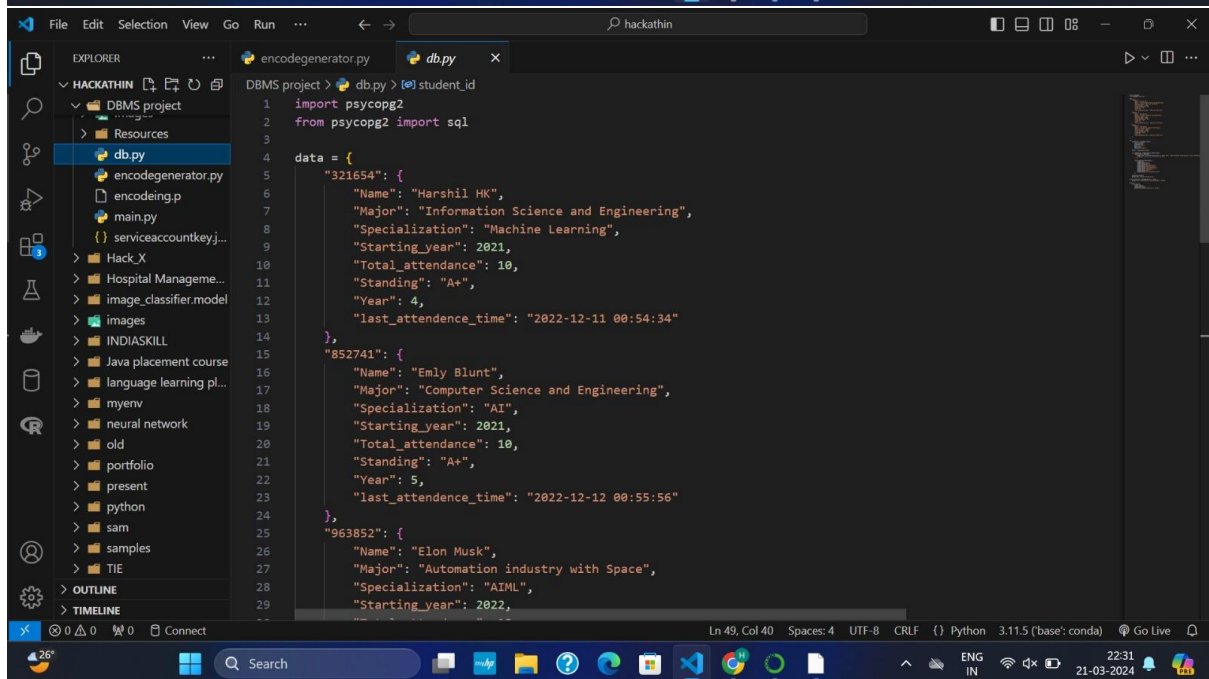


```
1 import cv2
2 import face_recognition
3 import pickle
4 import os
5 import firebase_admin
6 import psycopg2
7 from firebase_admin import credentials
8 from firebase_admin import db
9 from firebase_admin import storage
10
11
12 cred = credentials.Certificate("C:/Users/Harsh/OneDrive/Desktop/hackathin/DBMS project/serviceaccountkey.json")
13 firebase_admin.initialize_app(cred,{
14     'databaseURL':"https://faceattendencesystem005-default-rtdb.firebaseio.com/",
15     'storageBucket':"faceattendencesystem005.appspot.com"
16 })
17
18 '''conn = psycopg2.connect(
19     dbname="postgres",
20     user="postgres",
21     password="2003",
22     host="localhost",
23     port="5432"
24 )'''
25
26 #importing student images to list
27 image_path="C:/Users/Harsh/OneDrive/Desktop/hackathin/DBMS project/Images"
28 pathlist=os.listdir(image_path)
29 print(pathlist)
30 img_list=[]
```



```
1 import psycopg2
2 from psycopg2 import sql
3
4 data = {
5     "321654": {
6         "Name": "Harshil HK",
7         "Major": "Information Science and Engineering",
8         "Specialization": "Machine Learning",
9         "Starting_year": 2021,
10        "Total_attendance": 10,
11        "Standing": "A+",
12        "Year": 4,
13        "last_attendance_time": "2022-12-11 00:54:34"
14    },
15    "852741": {
16        "Name": "Emly Blunt",
17        "Major": "Computer Science and Engineering",
18        "Specialization": "AI",
19        "Starting_year": 2021,
20        "Total_attendance": 10,
21        "Standing": "A+",
22        "Year": 5,
23        "last_attendance_time": "2022-12-12 00:55:56"
24    },
25    "963852": {
26        "Name": "Elon Musk",
27        "Major": "Automation industry with Space",
28        "Specialization": "AIML",
29        "Starting_year": 2022,
```

