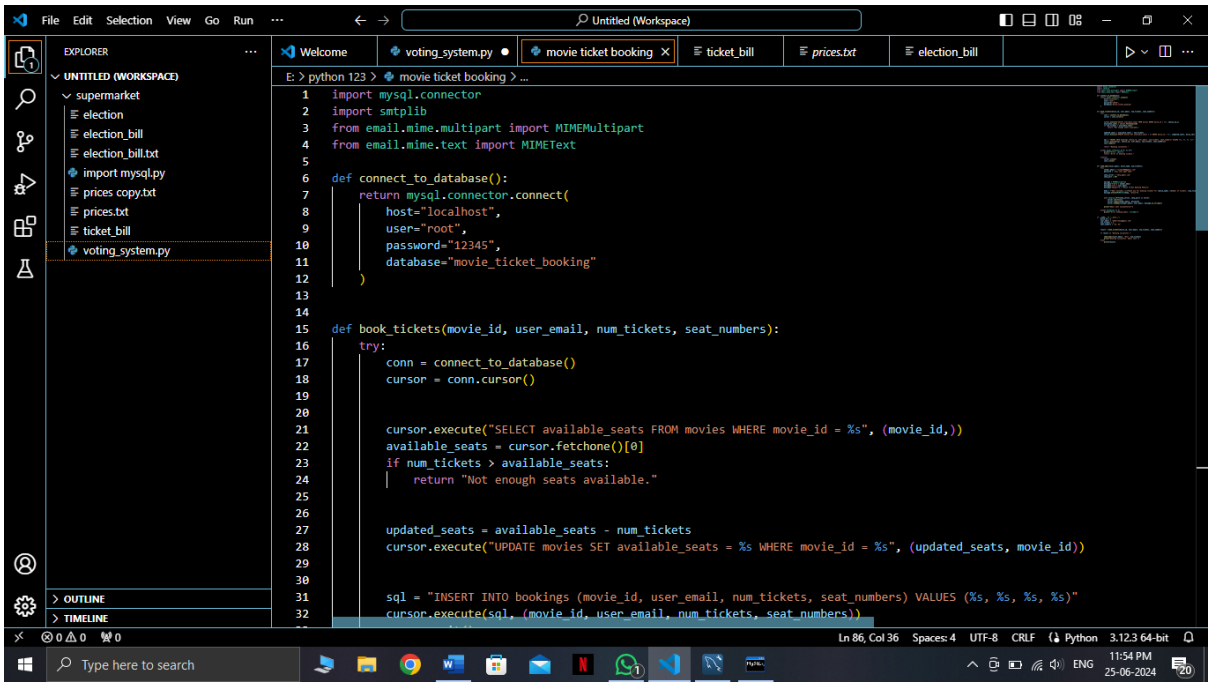
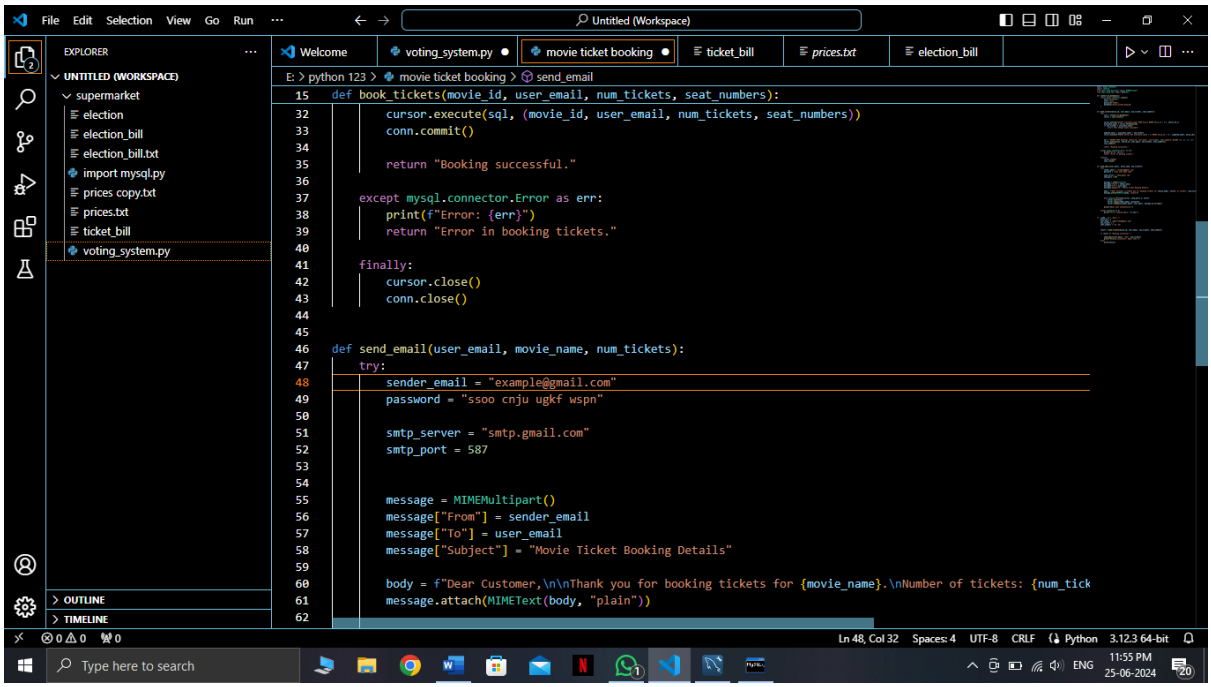
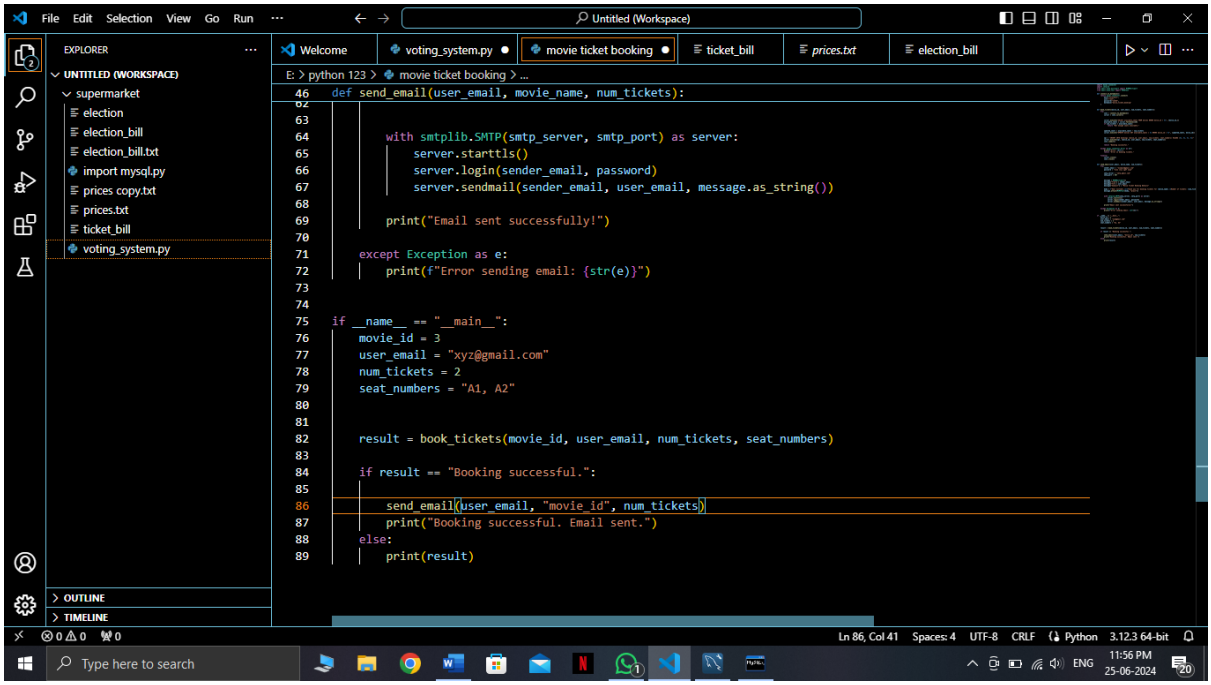
#movie ticket booking assignment:

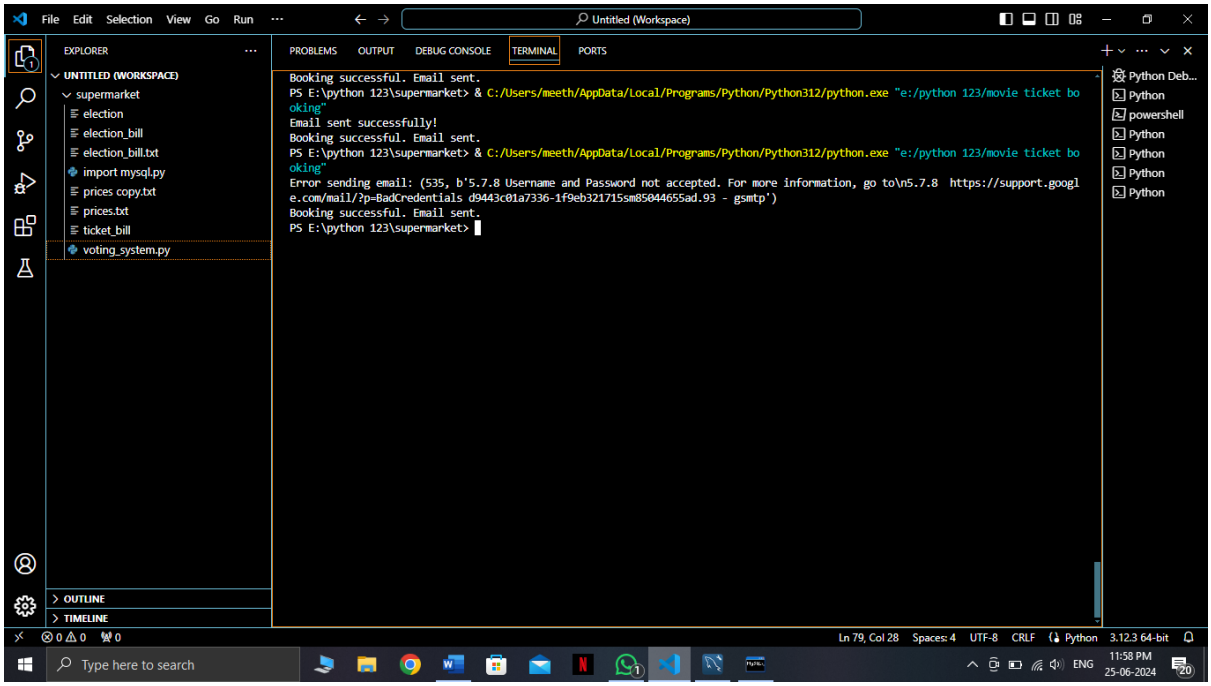


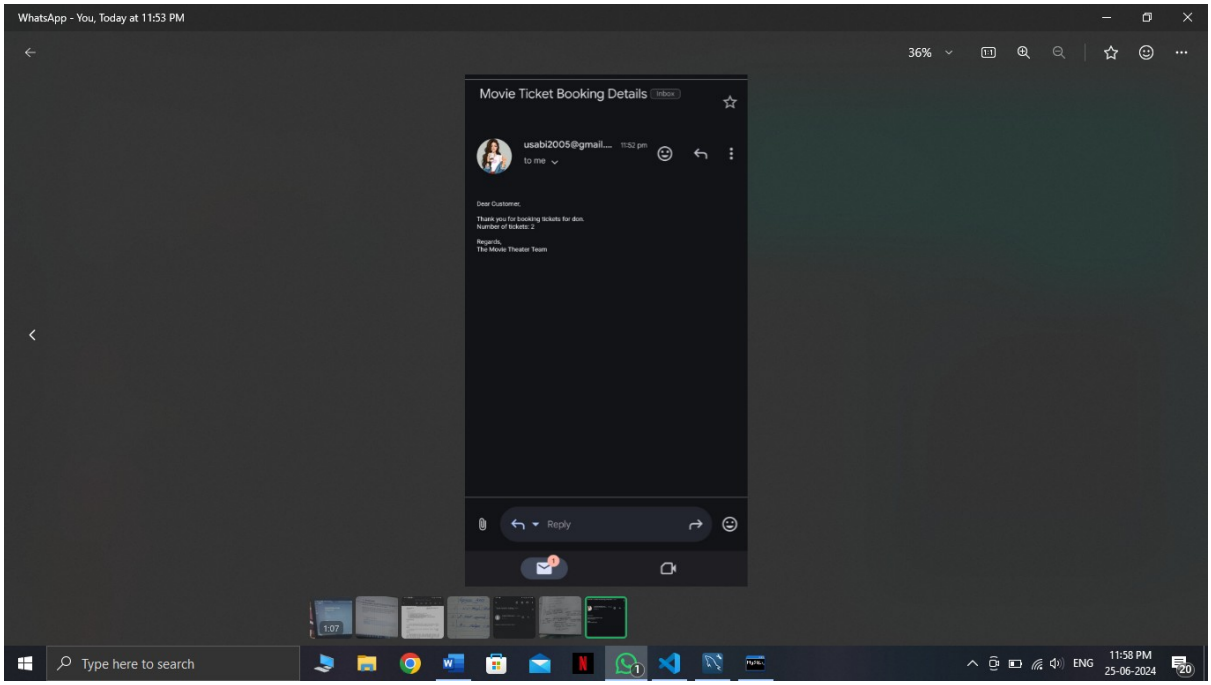
```python
import mysql.connector
import smtplib
from email.mime.multipart import MIMEMultipart
from email.mime.text import MIMEText

def connect_to_database():
    return mysql.connector.connect(
        host="localhost",
        user="root",
        password="12345",
        database="movie_ticket_booking"
    )


def book_tickets(movie_id, user_email, num_tickets, seat_numbers):
    try:
        conn = connect_to_database()
        cursor = conn.cursor()


        cursor.execute("SELECT available_seats FROM movies WHERE movie_id = %s", (movie_id,))
        available_seats = cursor.fetchone()[0]
        if num_tickets > available_seats:
            return "Not enough seats available."


        updated_seats = available_seats - num_tickets
        cursor.execute("UPDATE movies SET available_seats = %s WHERE movie_id = %s", (updated_seats, movie_id))


        sql = "INSERT INTO bookings (movie_id, user_email, num_tickets, seat_numbers) VALUES (%s, %s, %s, %s)"
        cursor.execute(sql, (movie_id, user_email, num_tickets, seat_numbers))
```

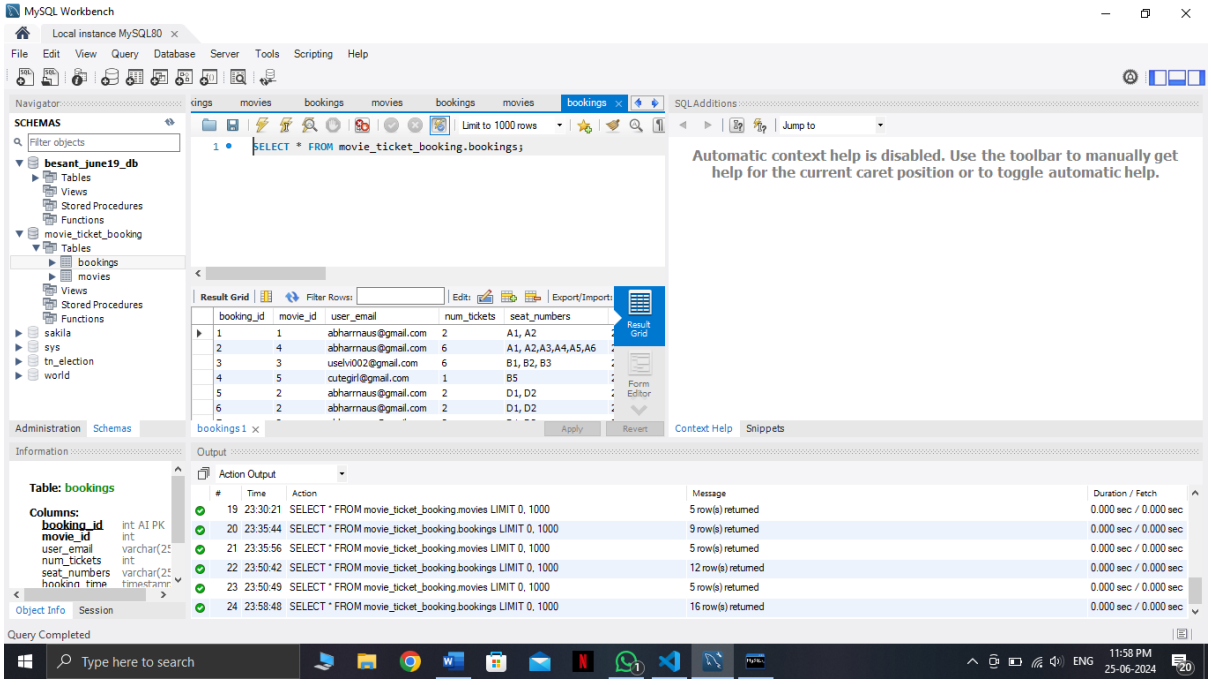


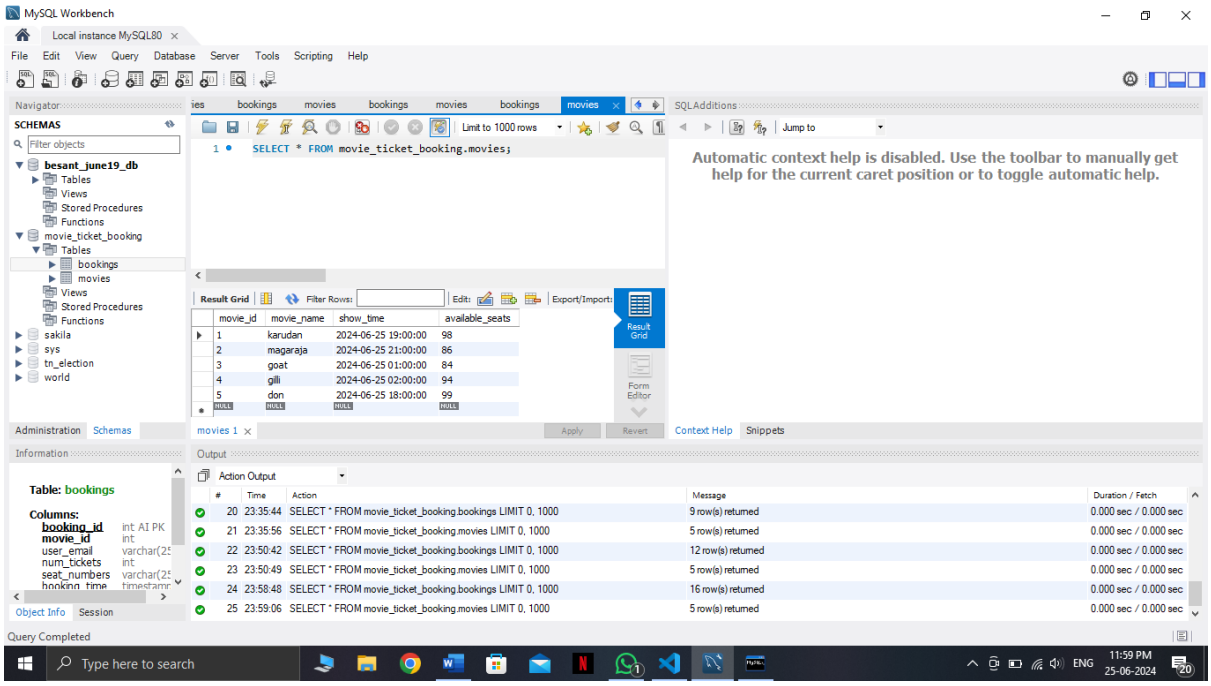
```python
def book_tickets(movie_id, user_email, num_tickets, seat_numbers):
        cursor.execute(sql, (movie_id, user_email, num_tickets, seat_numbers))
        conn.commit()

        return "Booking successful."

    except mysql.connector.Error as err:
        print(f"Error: {err}")
        return "Error in booking tickets."

    finally:
        cursor.close()
        conn.close()


def send_email(user_email, movie_name, num_tickets):
    try:
        sender_email = "example@gmail.com"
        password = "ssoo cnju ugkf wspn"

        smtp_server = "smtp.gmail.com"
        smtp_port = 587


        message = MIMEMultipart()
        message["From"] = sender_email
        message["To"] = user_email
        message["Subject"] = "Movie Ticket Booking Details"

        body = f"Dear Customer,\n\nThank you for booking tickets for {movie_name}.\nNumber of tickets: {num_tick
        message.attach(MIMEText(body, "plain"))
```


File Edit Selection View Go Run
Untitled (Workspace)
EXPLORER
UNTITLED (WORKSPACE)
supermarket
election
election_bill
election_bill.txt
import mysql.py
prices copy.txt
prices.txt
ticket_bill
voting_system.py
Welcome
voting_system.py
movie ticket booking
ticket_bill
prices.txt
election_bill
E: > python 123 > movie ticket booking > ...
def send_email(user_email, movie_name, num_tickets):
with smtplib.SMTP(smtp_server, smtp_port) as server:
server.starttls()
server.login(sender_email, password)
server.sendmail(sender_email, user_email, message.as_string())
print("Email sent successfully!")
except Exception as e:
print(f"Error sending email: {str(e)}")
if __name__ == "__main__":
movie_id = 3
user_email = "xyz@gmail.com"
num_tickets = 2
seat_numbers = "A1, A2"
result = book_tickets(movie_id, user_email, num_tickets, seat_numbers)
if result == "Booking successful.":
send_email(user_email, "movie_id", num_tickets)
print("Booking successful. Email sent.")
else:
print(result)
OUTLINE
TIMELINE
Ln 86, Col 41 Spaces: 4 UTF-8 CRLF Python 3.12.3 64-bit
Type here to search
ENG
11:56 PM
25-06-2024

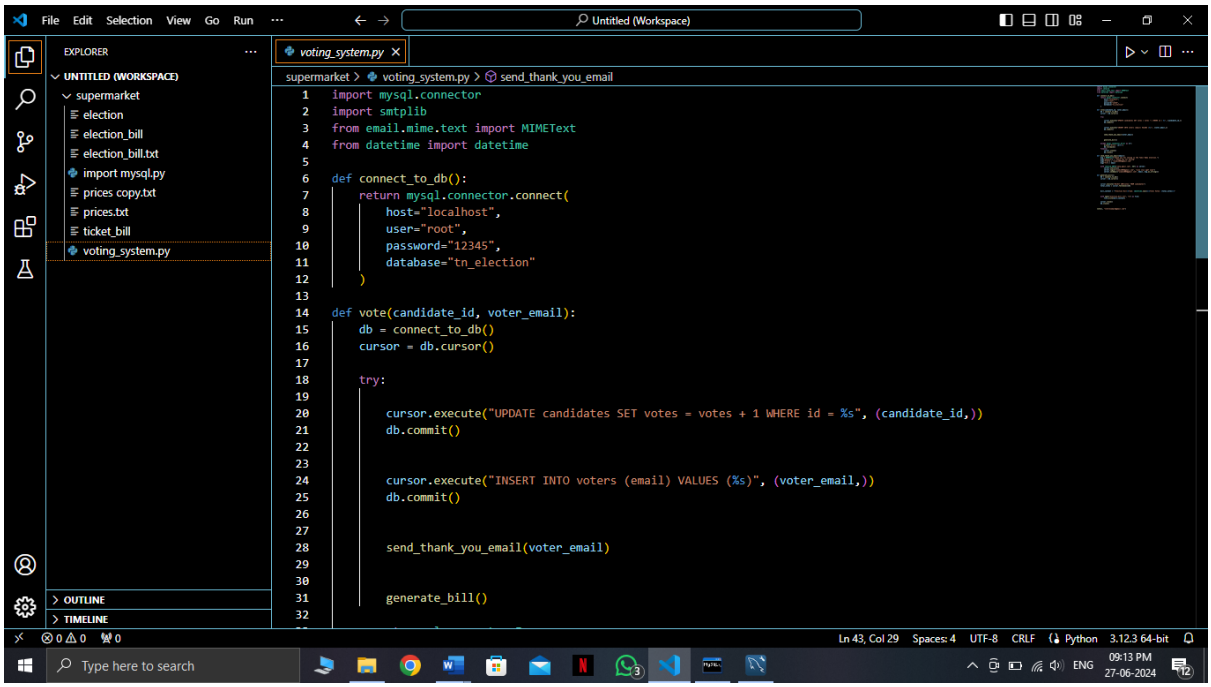

File Edit Selection View Go Run
Untitled (Workspace)
EXPLORER
UNTITLED (WORKSPACE)
supermarket
election
election_bill
election_bill.txt
import mysql.py
prices copy.txt
prices.txt
ticket_bill
voting_system.py
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Booking successful. Email sent.
PS E:\python 123\supermarket> & C:/Users/meeth/AppData/Local/Programs/Python/Python312/python.exe "e:/python 123/movie ticket booking"
Email sent successfully!
Booking successful. Email sent.
PS E:\python 123\supermarket> & C:/Users/meeth/AppData/Local/Programs/Python/Python312/python.exe "e:/python 123/movie ticket booking"
Error sending email: (535, b'5.7.8 Username and Password not accepted. For more information, go to\n5.7.8 https://support.google.com/mail/?p=BadCredentials d9443c01a7336-1f9eb321715sm85044655ad.93 - gsmtp')
Booking successful. Email sent.
PS E:\python 123\supermarket>
Python Deb...
Python
powershell
Python
Python
Python
Python
OUTLINE
TIMELINE
Ln 79, Col 28 Spaces: 4 UTF-8 CRLF Python 3.12.3 64-bit
Type here to search
ENG
11:58 PM
25-06-2024

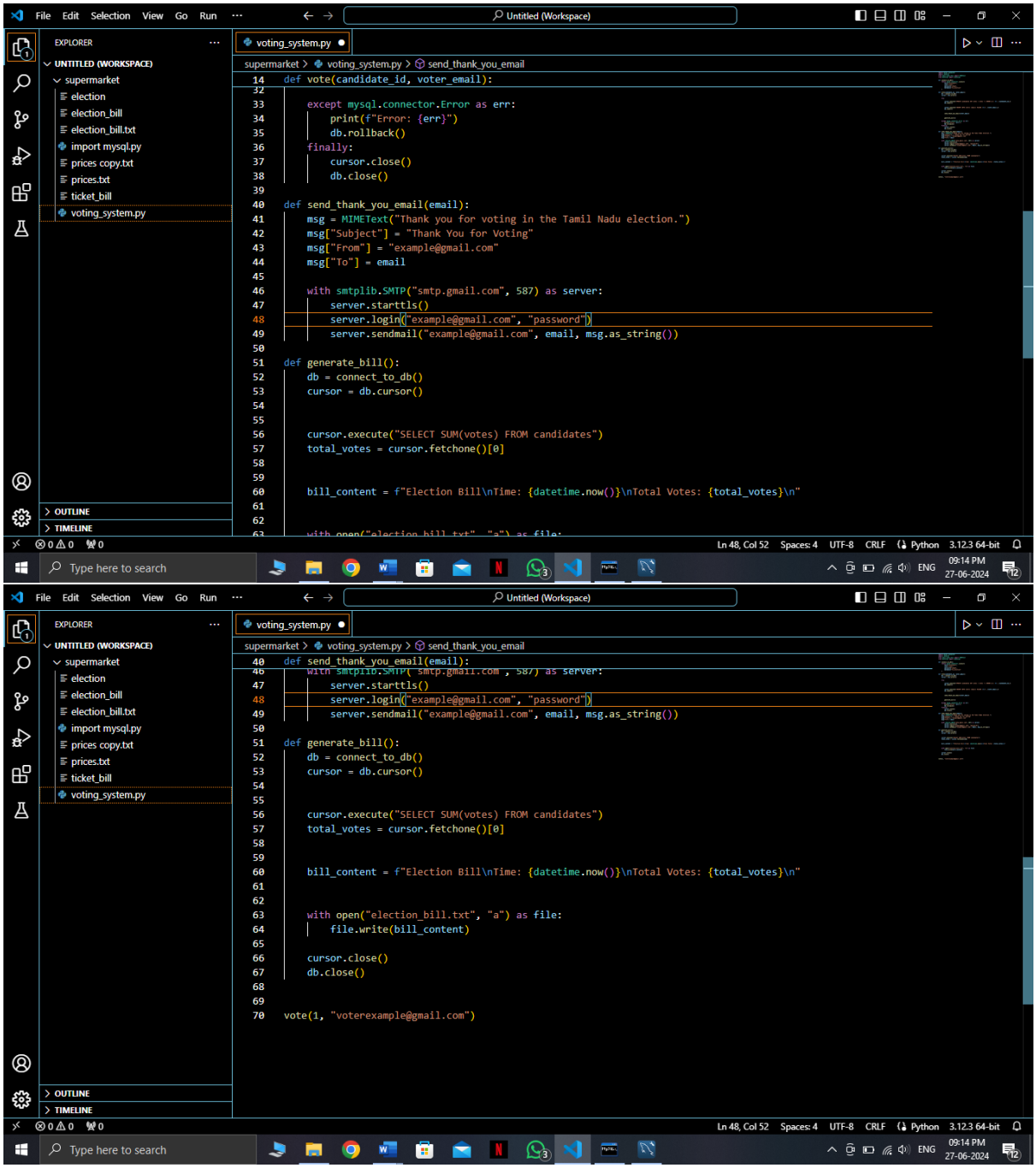

WhatsApp - You, Today at 11:53 PM
Movie Ticket Booking Details
Inbox
usabi2005@gmail....
11:52 pm
to me
Dear Customer,
Thank you for booking tickets for don.
Number of tickets: 2
Regards,
The Movie Theater Team
Reply
Type here to search
ENG
11:58 PM
25-06-2024


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
besant_june19_db
movie_ticket_booking
Tables
bookings
movies
Views
Stored Procedures
Functions
sakila
sys
tn_election
world
SELECT * FROM movie_ticket_booking.bookings;
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Result Grid
booking_id movie_id user_email num_tickets seat_numbers
1 1 abharrnaus@gmail.com 2 A1, A2
2 4 abharrnaus@gmail.com 6 A1, A2,A3,A4,A5,A6
3 3 uselvi002@gmail.com 6 B1, B2, B3
4 5 cutegirl@gmail.com 1 B5
5 2 abharrnaus@gmail.com 2 D1, D2
6 2 abharrnaus@gmail.com 2 D1, D2
Table: bookings
Columns:
booking_id int AI PK
movie_id int
user_email varchar(25
num_tickets int
seat_numbers varchar(25
booking_time timestamp
Output
Action Output
Time Action Message Duration / Fetch
19 23:30:21 SELECT * FROM movie_ticket_booking.movies LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec
20 23:35:44 SELECT * FROM movie_ticket_booking.bookings LIMIT 0, 1000 9 row(s) returned 0.000 sec / 0.000 sec
21 23:35:56 SELECT * FROM movie_ticket_booking.movies LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec
22 23:50:42 SELECT * FROM movie_ticket_booking.bookings LIMIT 0, 1000 12 row(s) returned 0.000 sec / 0.000 sec
23 23:50:49 SELECT * FROM movie_ticket_booking.movies LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec
24 23:58:48 SELECT * FROM movie_ticket_booking.bookings LIMIT 0, 1000 16 row(s) returned 0.000 sec / 0.000 sec
Query Completed
Type here to search
ENG
11:58 PM
25-06-2024



#tn election assignment:




File Edit Selection View Go Run
Untitled (Workspace)
EXPLORER
UNTITLED (WORKSPACE)
supermarket
election
election_bill
election_bill.txt
import mysql.py
prices copy.txt
prices.txt
ticket_bill
voting_system.py
OUTLINE
TIMELINE
voting_system.py
supermarket > voting_system.py > send_thank_you_email
def vote(candidate_id, voter_email):
except mysql.connector.Error as err:
print(f"Error: {err}")
db.rollback()
finally:
cursor.close()
db.close()
def send_thank_you_email(email):
msg = MIMEText("Thank you for voting in the Tamil Nadu election.")
msg["Subject"] = "Thank You for Voting"
msg["From"] = "example@gmail.com"
msg["To"] = email
with smtplib.SMTP("smtp.gmail.com", 587) as server:
server.starttls()
server.login("example@gmail.com", "password")
server.sendmail("example@gmail.com", email, msg.as_string())
def generate_bill():
db = connect_to_db()
cursor = db.cursor()
cursor.execute("SELECT SUM(votes) FROM candidates")
total_votes = cursor.fetchone()[0]
bill_content = f"Election Bill\nTime: {datetime.now()}\nTotal Votes: {total_votes}\n"
Ln 48, Col 52 Spaces: 4 UTF-8 CRLF Python 3.12.3 64-bit
Type here to search
ENG
09:14 PM
27-06-2024

File Edit Selection View Go Run
Untitled (Workspace)
EXPLORER
UNTITLED (WORKSPACE)
supermarket
election
election_bill
election_bill.txt
import mysql.py
prices copy.txt
prices.txt
ticket_bill
voting_system.py
OUTLINE
TIMELINE
voting_system.py
supermarket > voting_system.py > send_thank_you_email
def send_thank_you_email(email):
with smtplib.SMTP("smtp.gmail.com", 587) as server:
server.starttls()
server.login("example@gmail.com", "password")
server.sendmail("example@gmail.com", email, msg.as_string())
def generate_bill():
db = connect_to_db()
cursor = db.cursor()
cursor.execute("SELECT SUM(votes) FROM candidates")
total_votes = cursor.fetchone()[0]
bill_content = f"Election Bill\nTime: {datetime.now()}\nTotal Votes: {total_votes}\n"
with open("election_bill.txt", "a") as file:
file.write(bill_content)
cursor.close()
db.close()
vote(1, "voterexample@gmail.com")
Ln 48, Col 52 Spaces: 4 UTF-8 CRLF Python 3.12.3 64-bit
Type here to search
ENG
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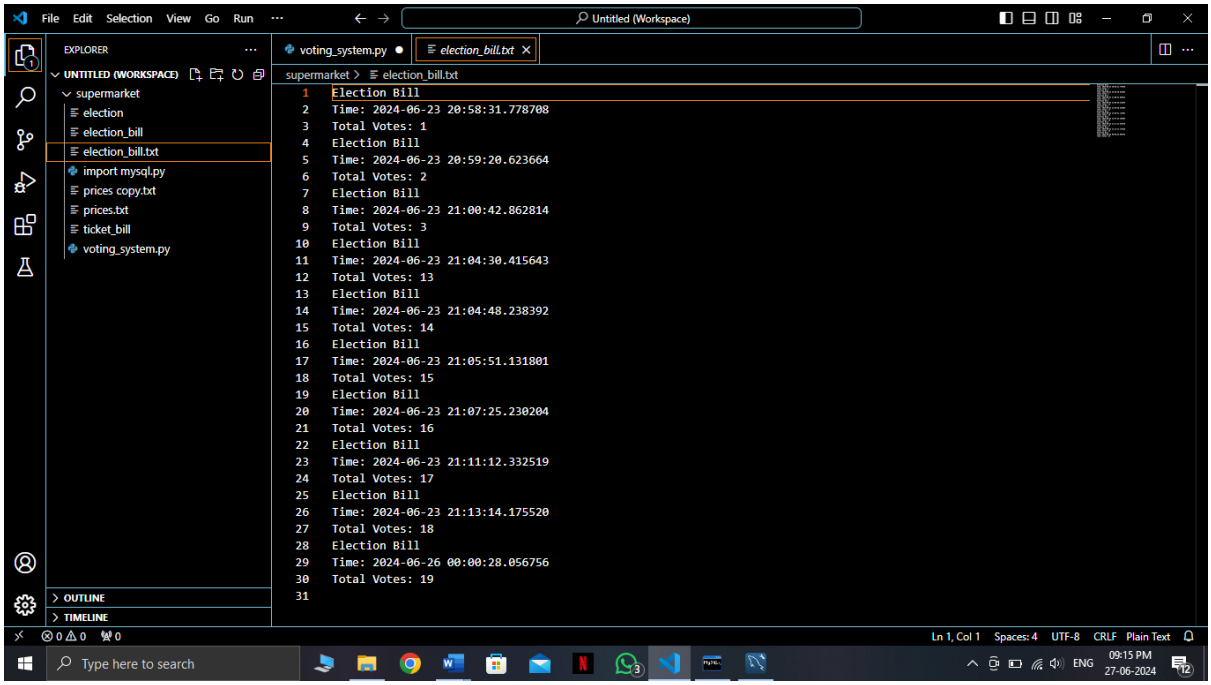
27-06-2024


File Edit Selection View Go Run
Untitled (Workspace)
EXPLORER
UNTITLED (WORKSPACE)
supermarket
election
election_bill
election_bill.txt
import mysql.py
prices copy.txt
prices.txt
ticket_bill
voting_system.py
voting_system.py
election_bill.txt
supermarket > election_bill.txt
1 Election Bill
2 Time: 2024-06-23 20:58:31.778708
3 Total Votes: 1
4 Election Bill
5 Time: 2024-06-23 20:59:20.623664
6 Total Votes: 2
7 Election Bill
8 Time: 2024-06-23 21:00:42.862814
9 Total Votes: 3
10 Election Bill
11 Time: 2024-06-23 21:04:30.415643
12 Total Votes: 13
13 Election Bill
14 Time: 2024-06-23 21:04:48.238392
15 Total Votes: 14
16 Election Bill
17 Time: 2024-06-23 21:05:51.131801
18 Total Votes: 15
19 Election Bill
20 Time: 2024-06-23 21:07:25.230204
21 Total Votes: 16
22 Election Bill
23 Time: 2024-06-23 21:11:12.332519
24 Total Votes: 17
25 Election Bill
26 Time: 2024-06-23 21:13:14.175520
27 Total Votes: 18
28 Election Bill
29 Time: 2024-06-26 00:00:28.056756
30 Total Votes: 19
31
OUTLINE
TIMELINE
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Plain Text
Type here to search
ENG
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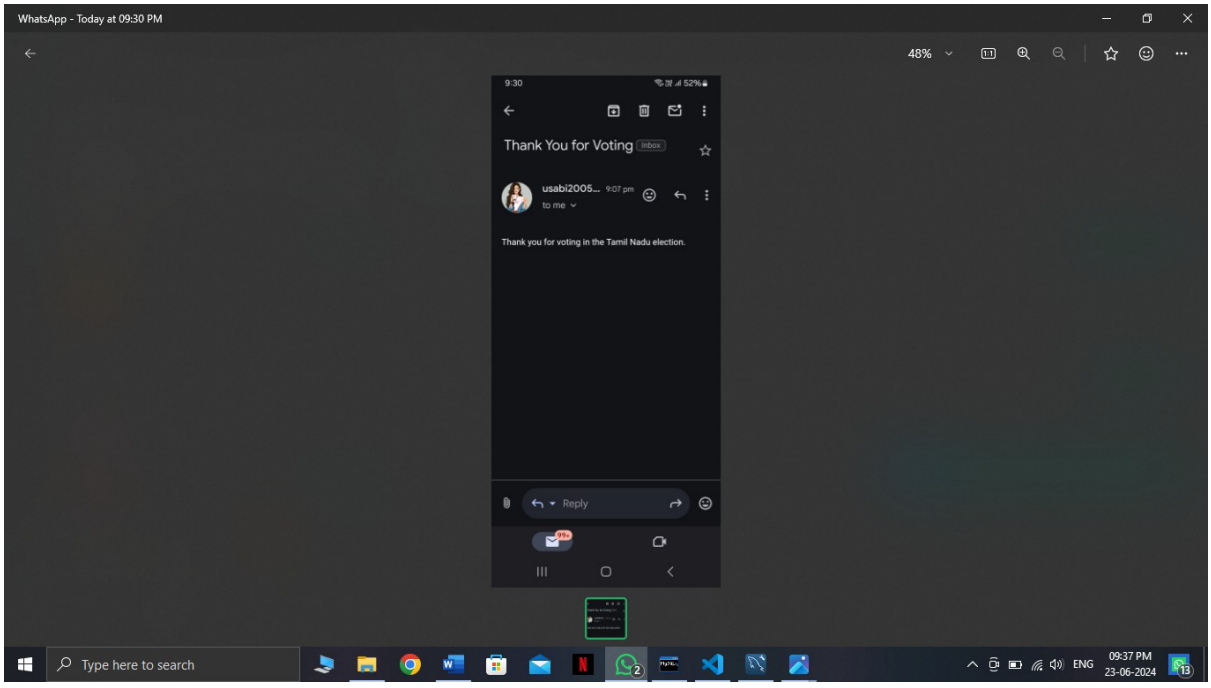
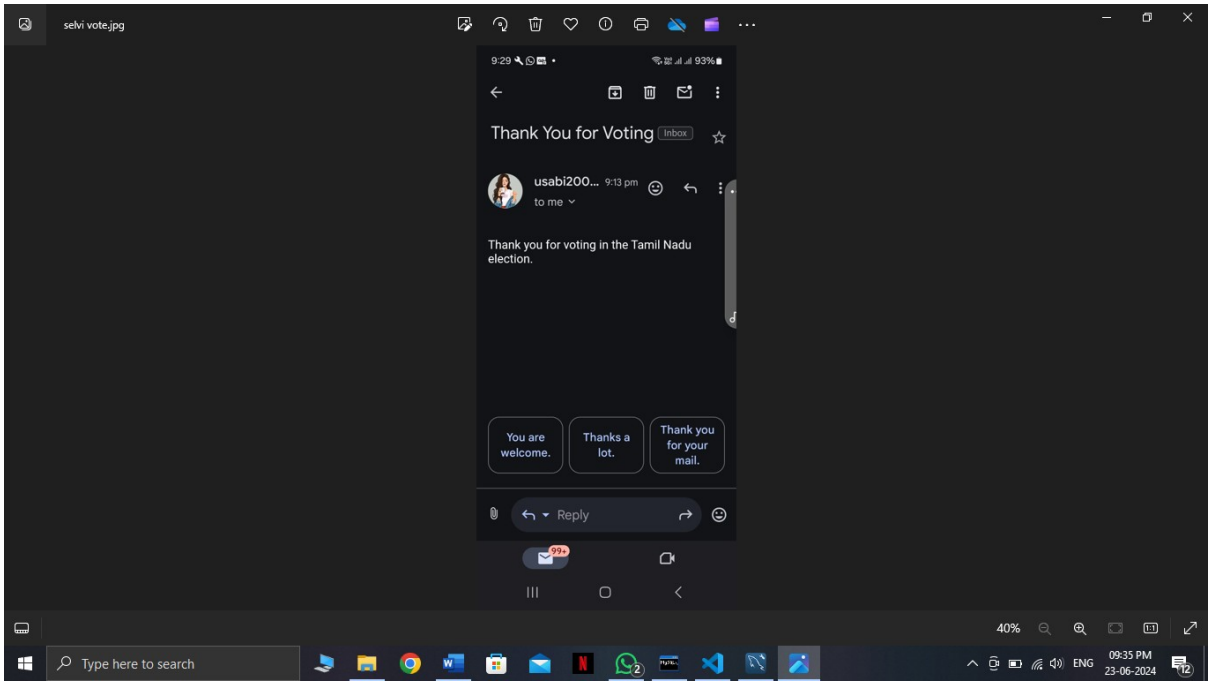
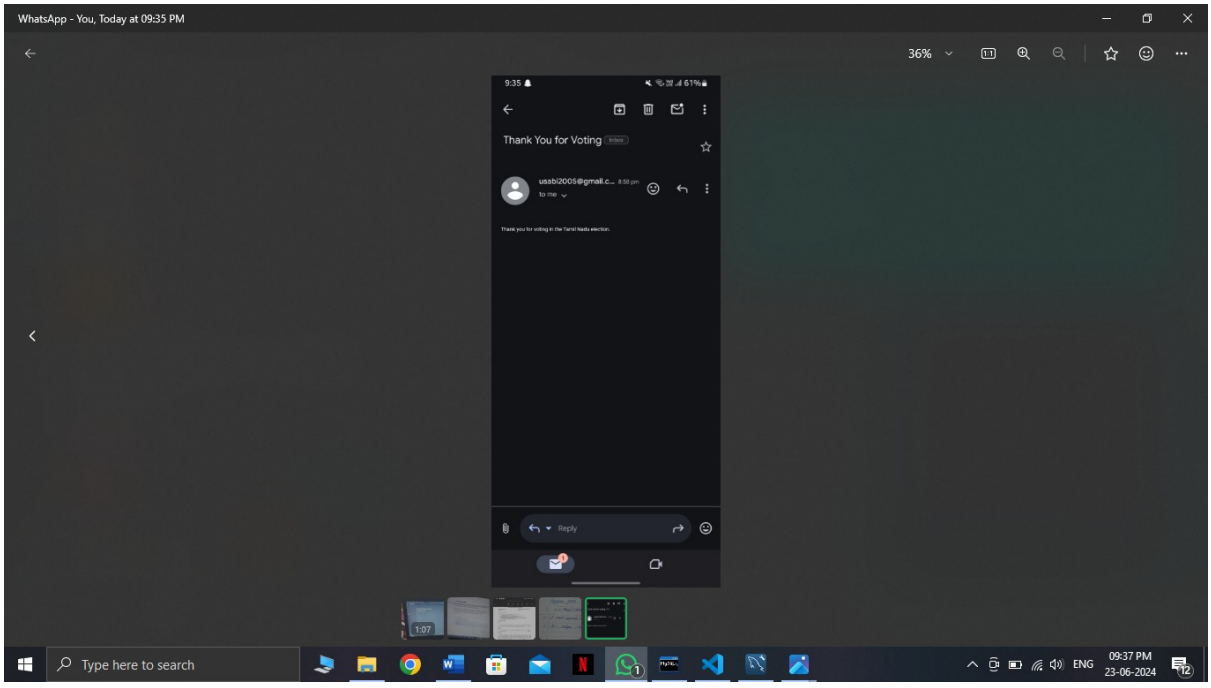
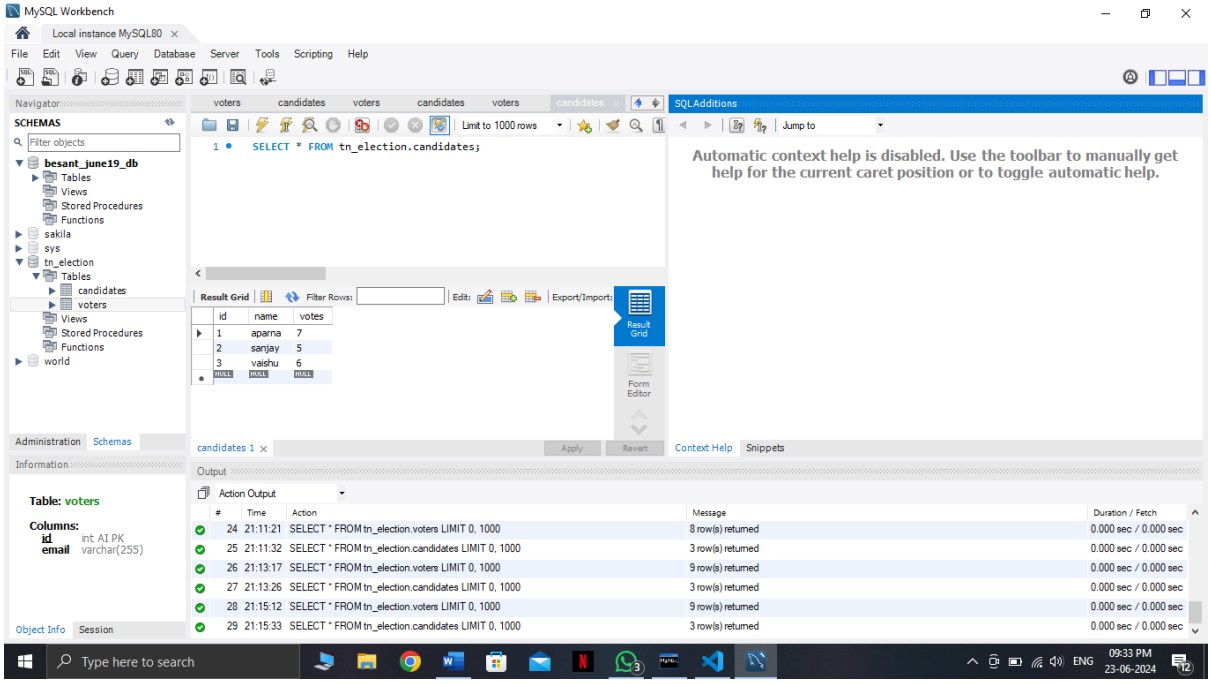
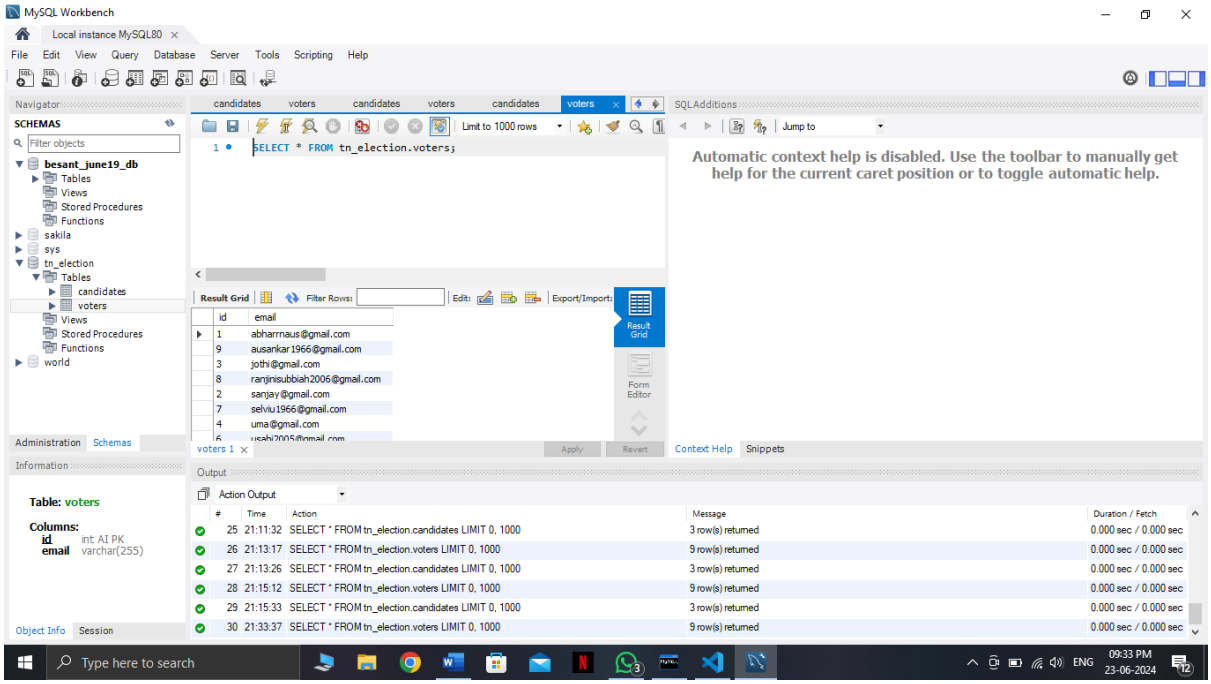
27-06-2024


WhatsApp - Today at 09:30 PM
48%
9:30
Thank You for Voting
Inbox
usabi2005...
9:07 pm
to me
Thank you for voting in the Tamil Nadu election.
Reply
Type here to search
ENG
09:37 PM
27-06-2024


selvi vote.jpg
9:29
Thank You for Voting
Inbox
usabi200... 9:13 pm
to me
Thank you for voting in the Tamil Nadu election.
You are welcome.
Thanks a lot.
Thank you for your mail.
Reply
40%
Type here to search
ENG
09:35 PM
23-06-2024


WhatsApp - You, Today at 09:35 PM
36%
Thank You for Voting
Reply
Type here to search
ENG
09:37 PM
23-06-2024


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
SCHEMAS
besant_june19_db
Tables
Views
Stored Procedures
Functions
sakila
sys
tn_election
Tables
candidates
voters
Views
Stored Procedures
Functions
world
SELECT * FROM tn_election.candidates;
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Result Grid
id name votes
1 aparna 7
2 sanjay 5
3 vaishu 6
Table: voters
Columns:
id int AI PK
email varchar(255)
Output
Action Output
Time Action Message Duration / Fetch
24 21:11:21 SELECT * FROM tn_election.voters LIMIT 0, 1000 8 row(s) returned 0.000 sec / 0.000 sec
25 21:11:32 SELECT * FROM tn_election.candidates LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
26 21:13:17 SELECT * FROM tn_election.voters LIMIT 0, 1000 9 row(s) returned 0.000 sec / 0.000 sec
27 21:13:26 SELECT * FROM tn_election.candidates LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
28 21:15:12 SELECT * FROM tn_election.voters LIMIT 0, 1000 9 row(s) returned 0.000 sec / 0.000 sec
29 21:15:33 SELECT * FROM tn_election.candidates LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
Type here to search
ENG
09:33 PM
23-06-2024


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
SCHEMAS
besant_june19_db
Tables
Views
Stored Procedures
Functions
sakila
sys
tn_election
Tables
candidates
voters
Views
Stored Procedures
Functions
world
SELECT * FROM tn_election.voters;
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Result Grid
id email
1 abharrnaus@gmail.com
9 ausankar1966@gmail.com
3 jothi@gmail.com
8 ranjinisubbiah2006@gmail.com
2 sanjay@gmail.com
7 selviu1966@gmail.com
4 uma@gmail.com
Table: voters
Columns:
id int AI PK
email varchar(255)
Output
Action Output
Time Action Message Duration / Fetch
25 21:11:32 SELECT * FROM tn_election.candidates LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
26 21:13:17 SELECT * FROM tn_election.voters LIMIT 0, 1000 9 row(s) returned 0.000 sec / 0.000 sec
27 21:13:26 SELECT * FROM tn_election.candidates LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
28 21:15:12 SELECT * FROM tn_election.voters LIMIT 0, 1000 9 row(s) returned 0.000 sec / 0.000 sec
29 21:15:33 SELECT * FROM tn_election.candidates LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
30 21:33:37 SELECT * FROM tn_election.voters LIMIT 0, 1000 9 row(s) returned 0.000 sec / 0.000 sec
Type here to search
ENG
09:33 PM
23-06-2024