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Code

```
import mysql.connector
from datetime import datetime

host = 'localhost'
user = 'root'
password = 'a|o0f@2906ak'
database = 'akalya'

connection = mysql.connector.connect(
    host=host,
    user=user,
    password=password,
    database=database
)

candidates = ["Andrew", "Dylan", "Henry"]

def display_candidates():
    print("Candidates:")
    for i, candidate in enumerate(candidates, 1):
        print(f"{i}. {candidate}")

def vote_for_candidate(voter_name, voter_phone, candidate_name):
    vote_time = datetime.now()
    cursor = connection.cursor()
    cursor.execute("INSERT INTO votes (voter_name, voter_phone, candidate_name, vote_time)
VALUES (%s, %s, %s, %s)",
                (voter_name, voter_phone, candidate_name, vote_time))
    connection.commit()
    cursor.close()
    return vote_time

def display_voting_history(voter_name, voter_phone, candidate_name, vote_time):
    print("\nVoting History:")
    print(f"Voter: {voter_name}")
    print(f"Phone: {voter_phone}")
    print(f"Candidate Voted: {candidate_name}")
    print(f>Date and Time of Voting: {vote_time.strftime('%Y-%m-%d %H:%M:%S')}")
    print("\nThank you for voting!")
```

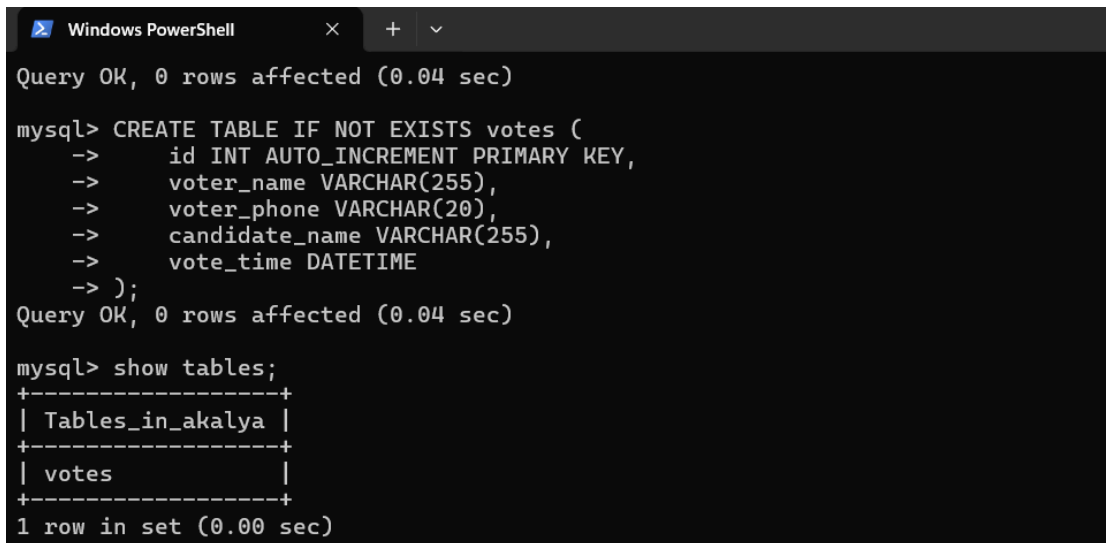
```

print("Welcome dear voter")
print("*****")
voter_name = input("Please enter your name: ")
voter_phone = input("Please enter your phone number: ")
display_candidates()
choice = int(input("Enter the number of your chosen candidate: "))
if 1 <= choice <= len(candidates):
    chosen_candidate = candidates[choice - 1]
    vote_time = vote_for_candidate(voter_name, voter_phone, chosen_candidate)
    display_voting_history(voter_name, voter_phone, chosen_candidate, vote_time)
else:
    print("Invalid choice!")

if connection.is_connected():
    connection.close()
    print("Connection closed")

```

Output



```

Windows PowerShell
Query OK, 0 rows affected (0.04 sec)

mysql> CREATE TABLE IF NOT EXISTS votes (
->     id INT AUTO_INCREMENT PRIMARY KEY,
->     voter_name VARCHAR(255),
->     voter_phone VARCHAR(20),
->     candidate_name VARCHAR(255),
->     vote_time DATETIME
-> );
Query OK, 0 rows affected (0.04 sec)

mysql> show tables;
+-----+
| Tables_in_akalya |
+-----+
| votes             |
+-----+
1 row in set (0.00 sec)

```

```
IDLE Shell 3.12.3
File Edit Shell Debug Options Window Help
>>> ===== RESTART: C:\Users\avada\OneDrive\Desktop\vote.py =====
Welcome dear voter
*****
Please enter your name: Akalya
Please enter your phone number: 9843776051
Candidates:
1. Andrew
2. Dylan
3. Henry
Enter the number of your chosen candidate: 1

Voting History:
Voter: Akalya
Phone: 9843776051
Candidate Voted: Andrew
Date and Time of Voting: 2024-06-28 22:04:41

Thank you for voting!
Connection closed
>>> ===== RESTART: C:\Users\avada\OneDrive\Desktop\vote.py =====
Welcome dear voter
*****
Please enter your name: Yogashree
Please enter your phone number: 9080804878
Candidates:
1. Andrew
2. Dylan
3. Henry
Enter the number of your chosen candidate: 3

Voting History:
Voter: Yogashree
Phone: 9080804878
Candidate Voted: Henry
Date and Time of Voting: 2024-06-28 22:05:18

Thank you for voting!
Connection closed
>>> ===== RESTART: C:\Users\avada\OneDrive\Desktop\vote.py =====
Welcome dear voter
*****
Please enter your name: Hamsa
Please enter your phone number: 9842394924
Candidates:
1. Andrew
2. Dylan
3. Henry
Enter the number of your chosen candidate: 2

Voting History:
Voter: Hamsa
Phone: 9842394924
Candidate Voted: Dylan
Date and Time of Voting: 2024-06-28 22:05:52

Thank you for voting!
Connection closed
>>> |
```

```
mysql> select*from votes;
```

| id | voter_name | voter_phone | candidate_name | vote_time |
|----|------------|-------------|----------------|---------------------|
| 1 | Akalya | 9843776051 | Andrew | 2024-06-28 22:04:42 |
| 2 | Yogashree | 9080804878 | Henry | 2024-06-28 22:05:19 |
| 3 | Hamsa | 9842394924 | Dylan | 2024-06-28 22:05:53 |

```
3 rows in set (0.00 sec)
```

```
mysql> |
```