Postgres Configuration for StockEcom 241015

1. **Connecting to PostgreSQL:**

```
psql -U postgres
```

2. **Connecting to the StockEcom Database:**

```
psql -U nickbiiy -d StockEcom
```

3. **Dropping the Database:**

```
DROP DATABASE IF EXISTS "StockEcom";
```

4. **Dropping Users:**

```
DROP USER IF EXISTS nickbiiy;
```

5. **Creating the Database:**

```
CREATE DATABASE "StockEcom";
```

6. **Creating a New User:**

```
CREATE USER nickbiiy WITH PASSWORD 'your_password';
```

7. **Granting Privileges to User:**

```
GRANT ALL PRIVILEGES ON DATABASE "StockEcom" TO nickbiiy;
```

8. **Granting Permissions on Schema:**

```
GRANT USAGE, CREATE ON SCHEMA public TO nickbiiy;
```

9. **Making 'nickbiiy' the Owner of the Schema:**

```
ALTER SCHEMA public OWNER TO nickbiiy;
```

10. **Listing Tables (Relations):**

```
\dt
```

11. **Describing a Table (e.g., auth_user):**

```
\d auth_user
```

12. **Querying for Users in auth_user Table:**

```sql
SELECT id, username, email FROM auth_user WHERE email = 'admin@gmail.com';
```

13. **Updating User Roles to Superuser:**

```sql
UPDATE auth_user SET is_superuser = TRUE, is_staff = TRUE WHERE email = 'admin@gmail.com';
```

14. **Generating a Hashed Password in Django Shell:**

```python
from django.contrib.auth.hashers import make_password

hashed_password = make_password('admin@123')
```