TY B.Tech. (CSE) – II [2022-23]

5CS372 : Advanced Database System Lab.
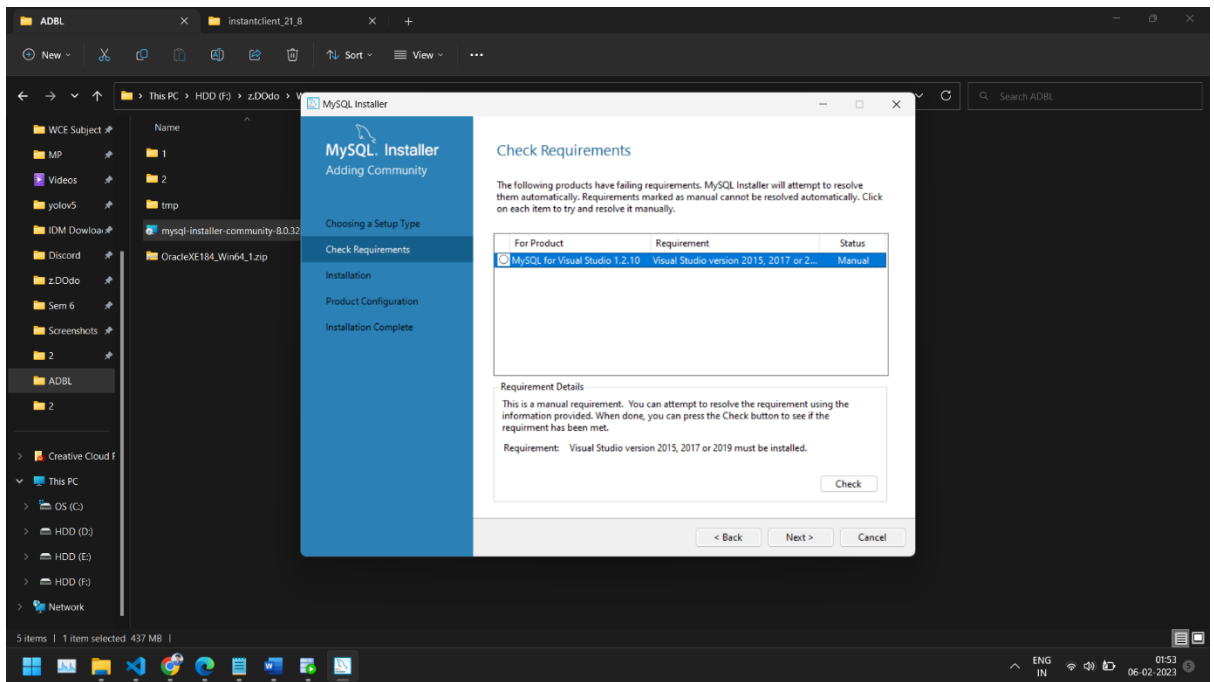
Assignment No. 8

2020BTECS00079
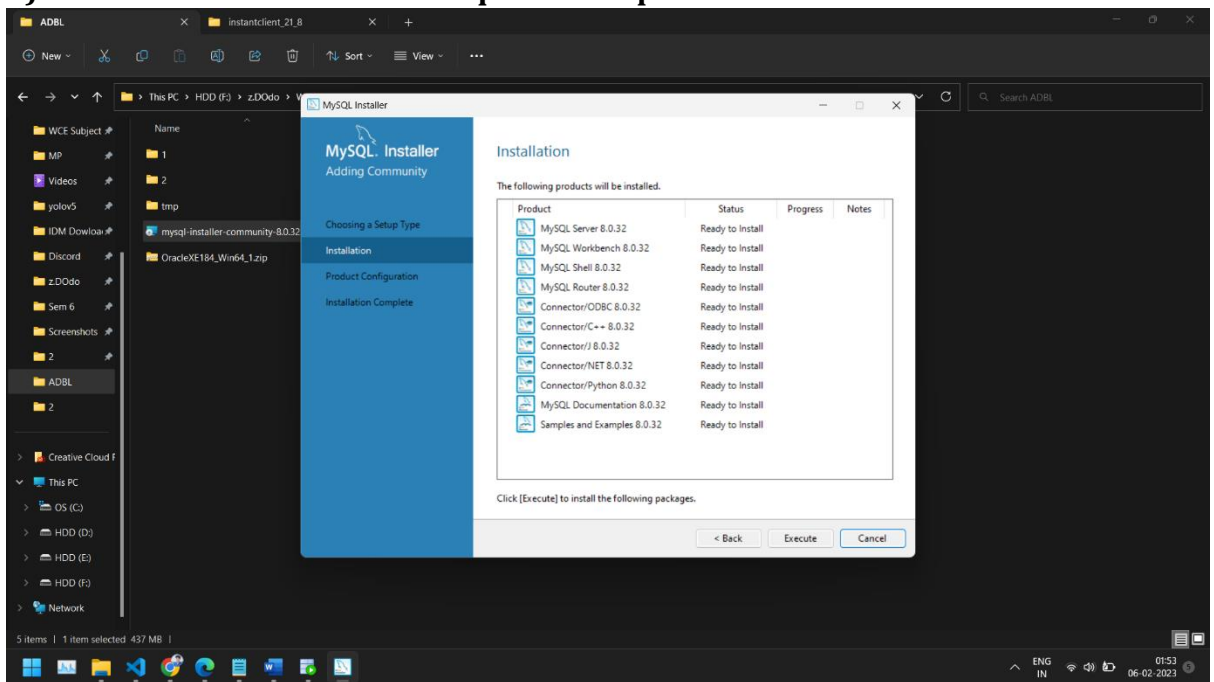
Saurabh Khadsang

1. Do the installation and configuration of Oracle/MySQL/IBM DB2

distributed databases. [Take minimum 3 nodes]

2. Use the above installed distributed database as backend for

Assignment No.3 & 4.

3. Demonstrate the working by connecting portals to different nodes,

adding data from one node and available / display on portal connected
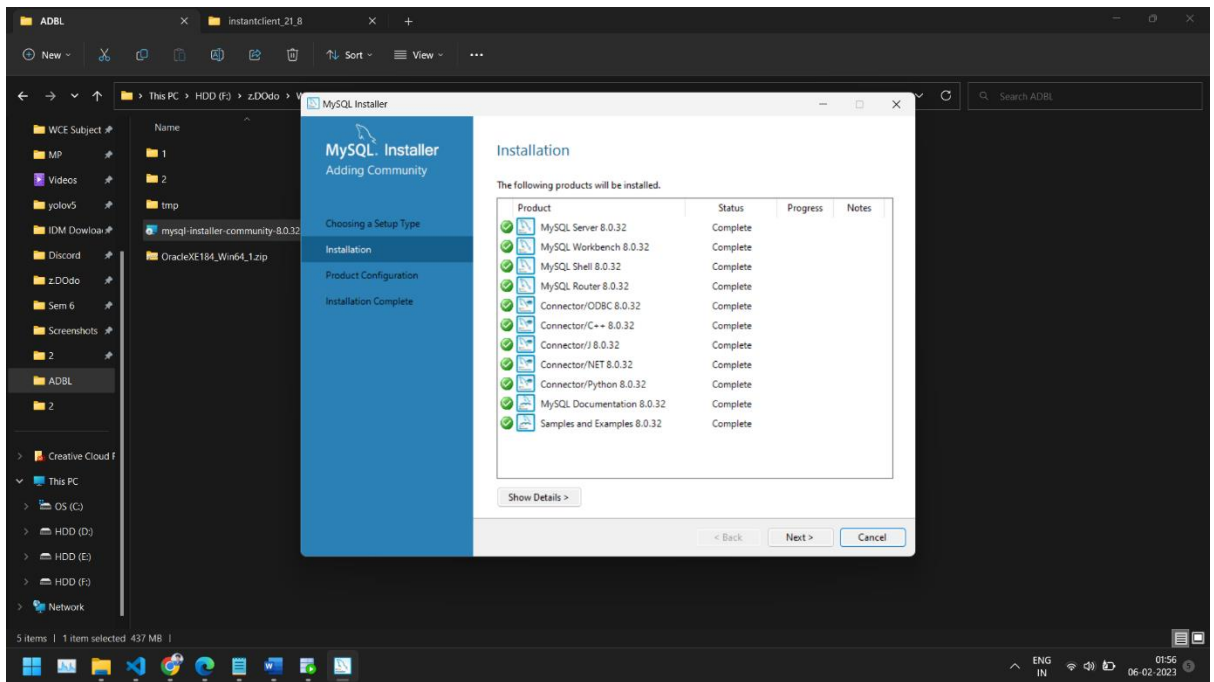
to another node etc.

MySQL installation:

    1)Install the setup for MySQL from MySQL [website](). Run the
setup.exe. Choose installation type as 'Full'.

    2) It will check whether your computer satisfies the necessary
requirements. Install the necessary requirements (select
requirements and click Execute) and click next. quirements and click
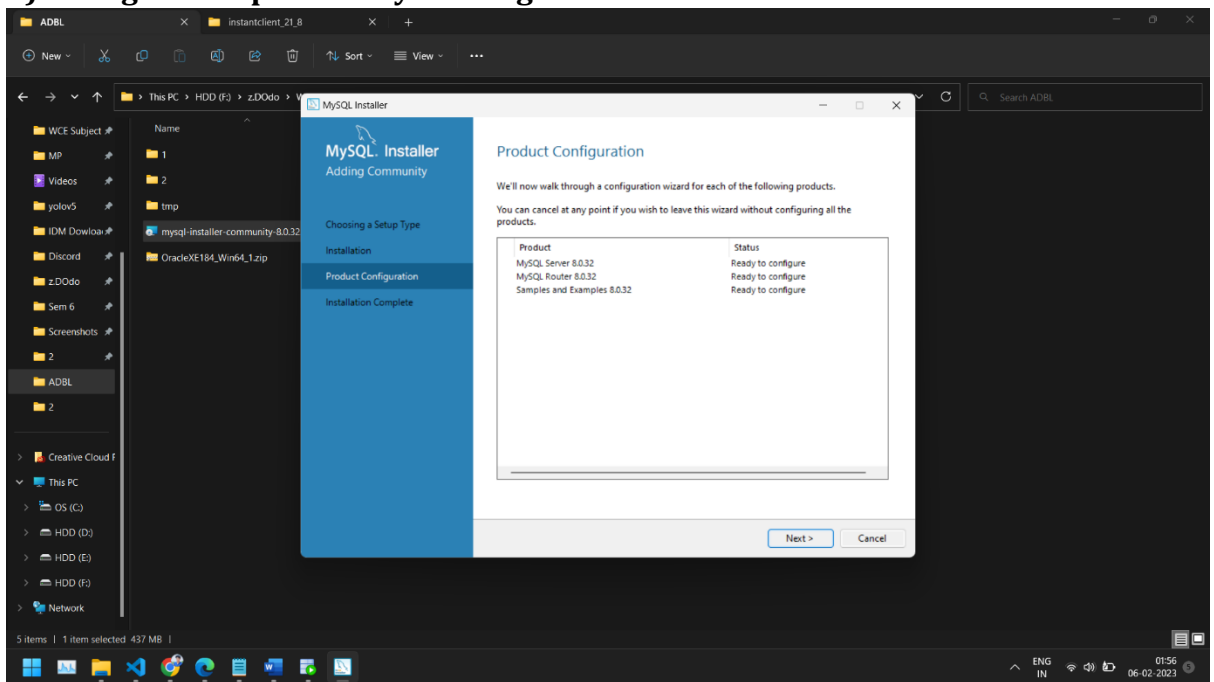Execute) and click next.
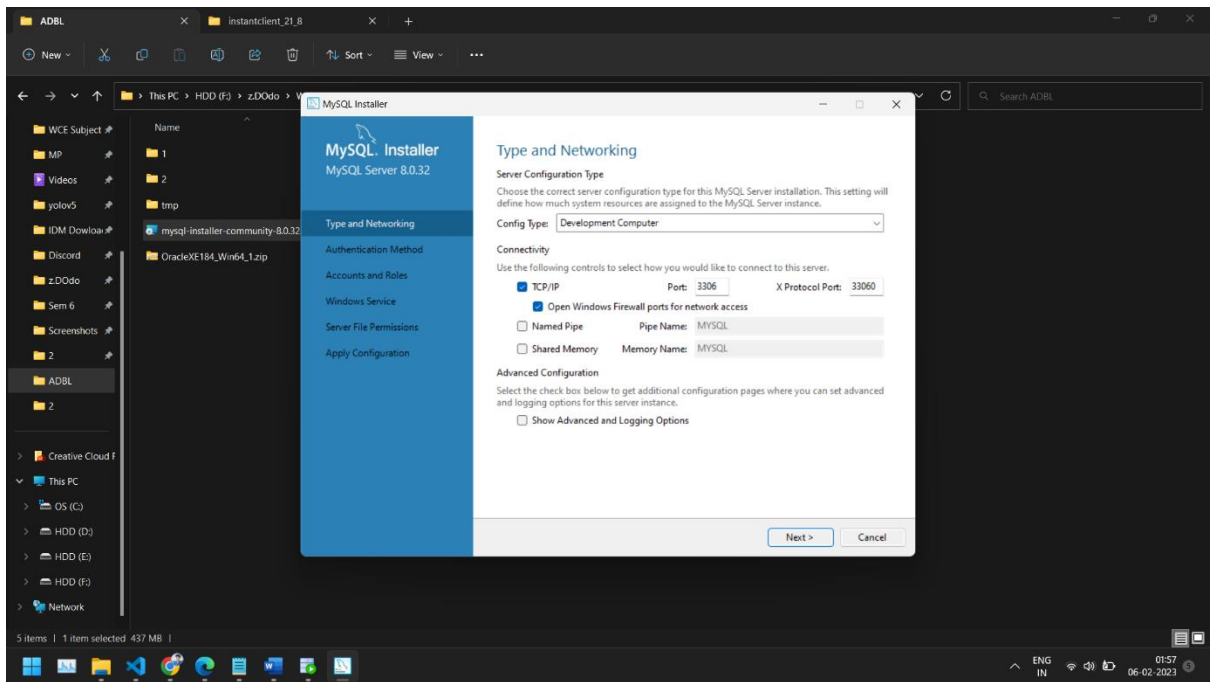
3) Click execute to install the required setups.
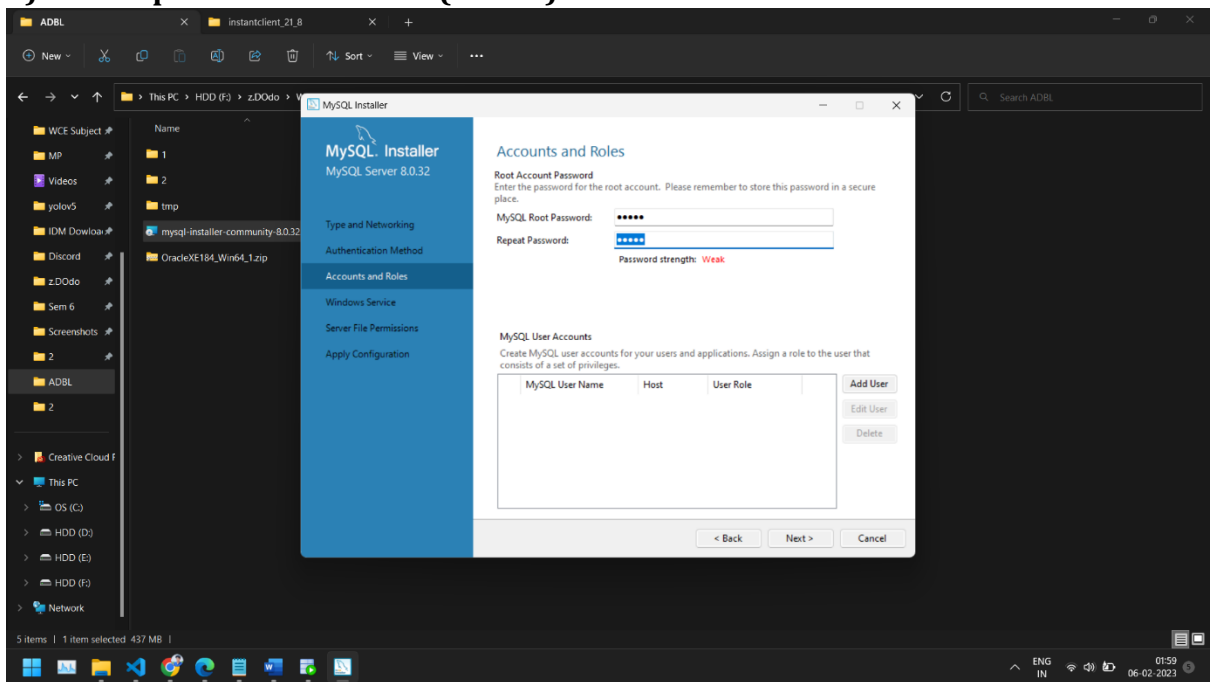

4) Wait until all the files are installed.

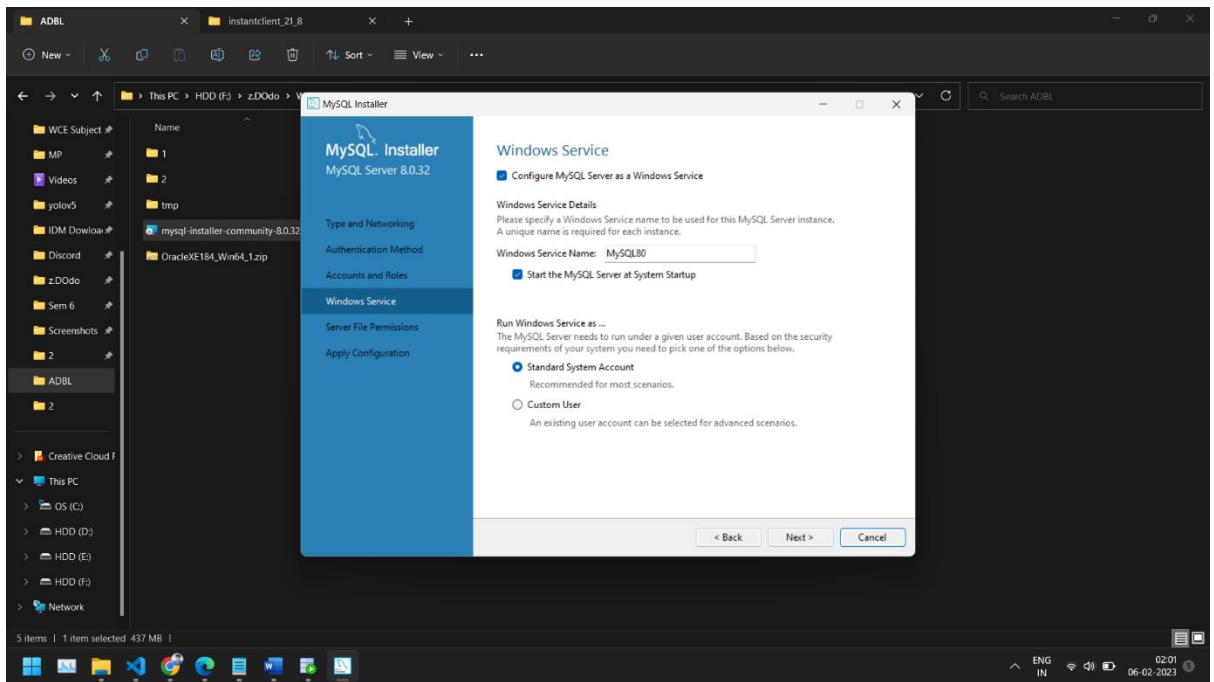**5) Configure the product by clicking next.**

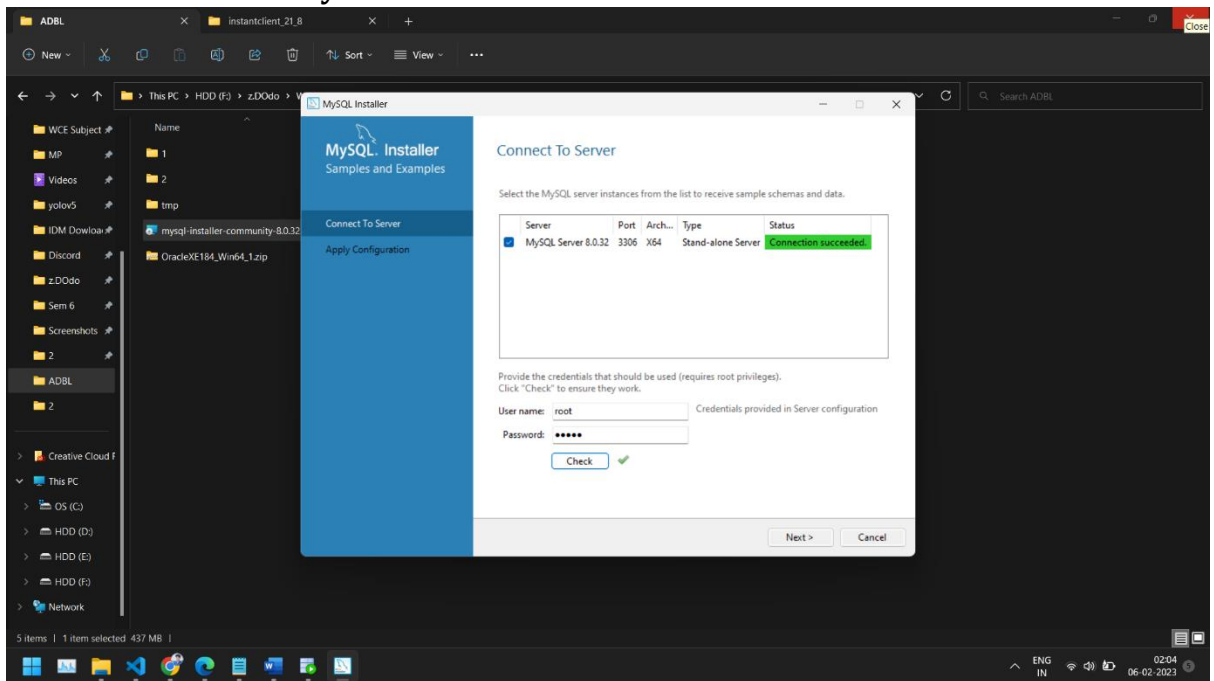**6) Configure the network and click next.**

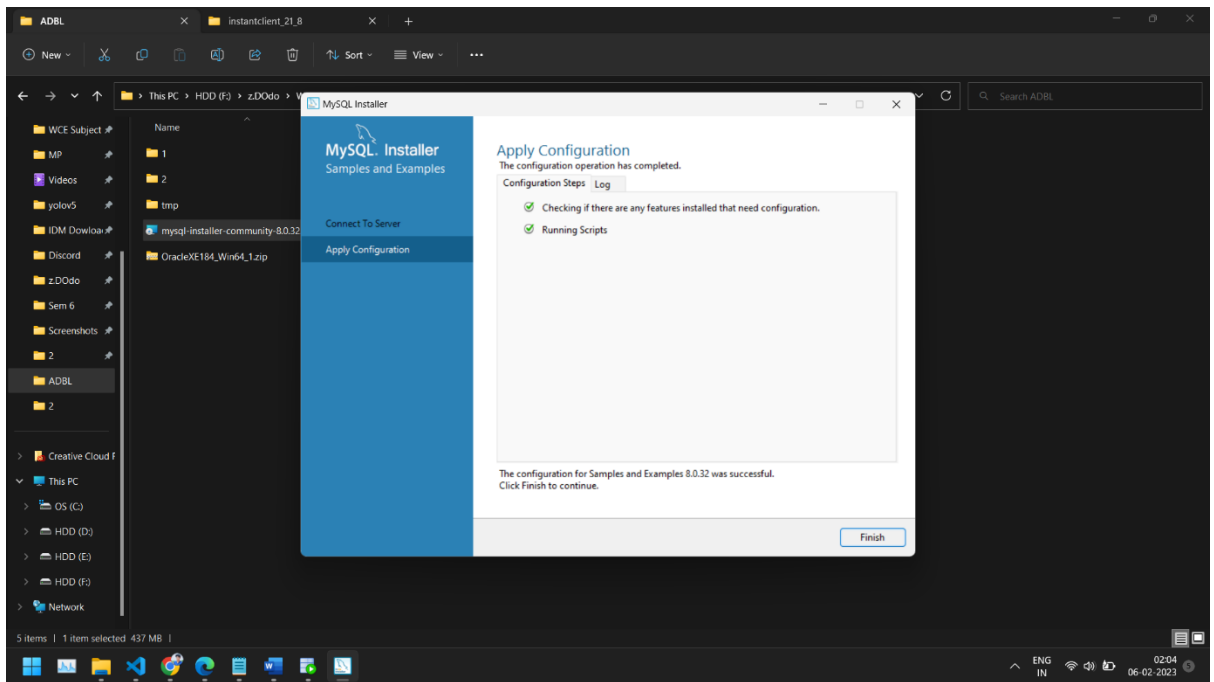**7) Set the password for 'root' (admin) and click next.**

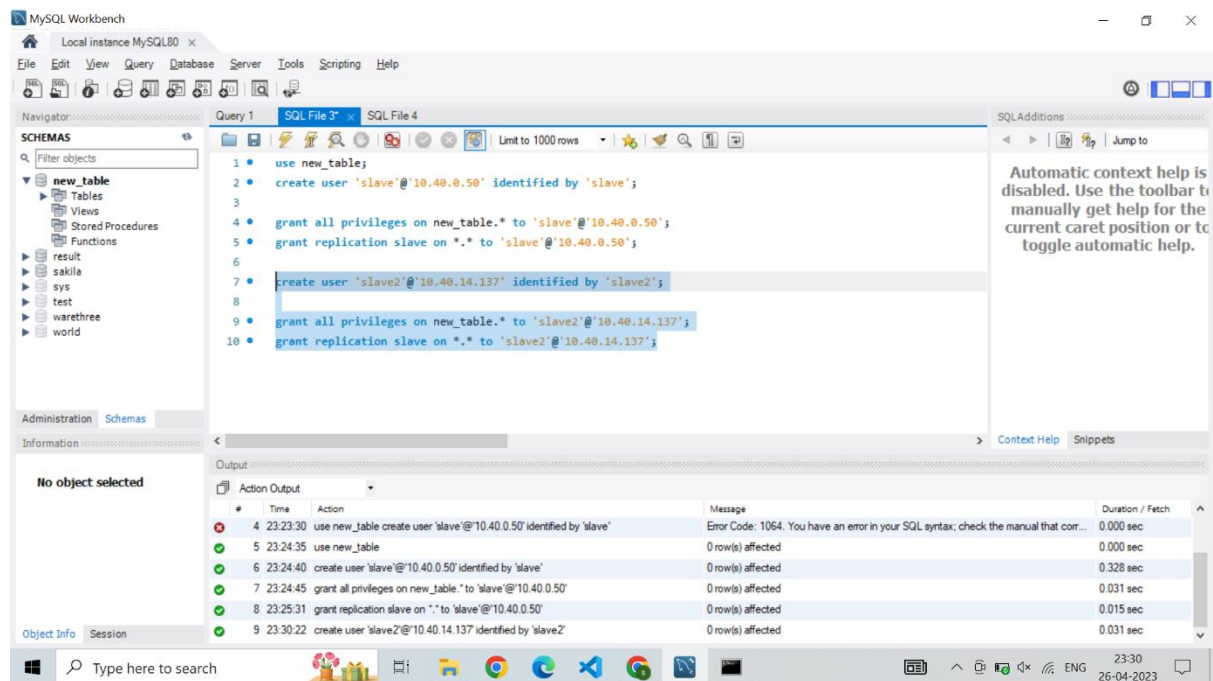**8) Configure the windows service to start. Click next.**

9) Connect to server by logging in with the created credentials.
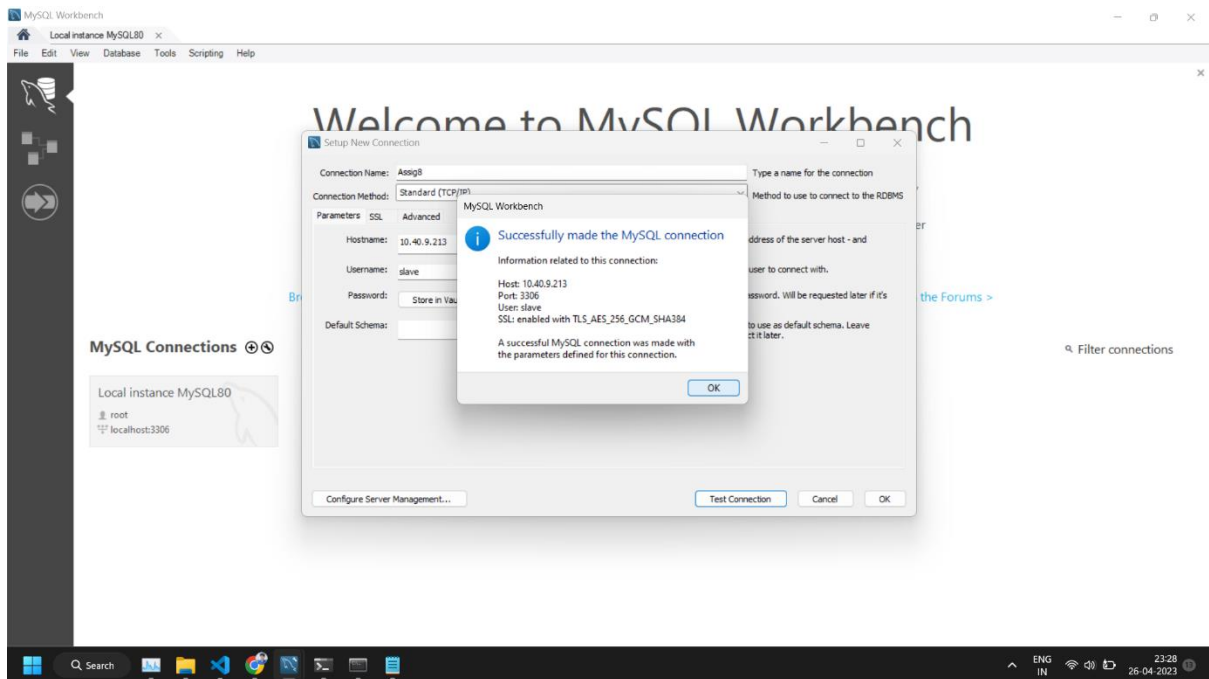**Check the connectivity.**

10) Apply the configuration by clicking on execute. Wait for
all changes to be applied. MySQL is installed successfully.

MASTER NODE :

SLAVE 1:

SLAVE 2:

Setup New Connection

Connection Name:	assignment 8	Type a name for the connection
Connection Method:	Standard (TCP/IP)	Method to use to connect to the RDBMS

Parameters | SSL | Advanced

MySQL Workbench

ℹ **Successfully made the MySQL connection**

Information related to this connection:

Host: 10.40.9.213
Port: 3306
User: slave2
SSL: enabled with TLS_AES_256_GCM_SHA384

A successful MySQL connection was made with the parameters defined for this connection.

[OK]

Hostname:	10.40.9.213
Username:	slave2
Password:	Store in Vau...
Default Schema:	

Configure Server Management...   Test Connection   Cancel   OK

MySQL Workbench

Local instance MySQL80 - Warnin... × | assignment 8 ×

File Edit View Query Database Server Tools Scripting Help

Query 1

```
1   use new_table ;
2 • select * from students;
3
```

Navigator

SCHEMAS

Filter objects

- instructor
- prereq
- question
- result
- section
- student
  - Columns
  - Indexes
  - Foreign Keys
  - Triggers
- students
  - Columns
  - Indexes
  - Foreign Keys
  - Triggers
- takes
- teaches
- test
- time_slot
- Views

Administration Schemas

Information

Table: students

Columns:
- **id** int AI PK
- name varchar(255)
- prn varchar(10)
- email varchar(255)

Object Info Session

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: ᴵᴬ

id	name	prn	email
1	John Doe	P12345	john.doe@example.com
2	Jane Smith	P23456	jane.smith@example.com
3	Bob Johnson	P34567	bob.johnson@example.com
4	Samantha Lee	P45678	samantha.lee@example.com
5	Mike Miller	P56789	mike.miller@example.com

students 1 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
● 1	18:09:07	use new_table	0 row(s) affected	0.078 sec
● 2	18:09:12	select * from students LIMIT 0, 1000	5 row(s) returned	0.328 sec / 0.000 sec