

# 1-AMALIY MASHG'ULOT

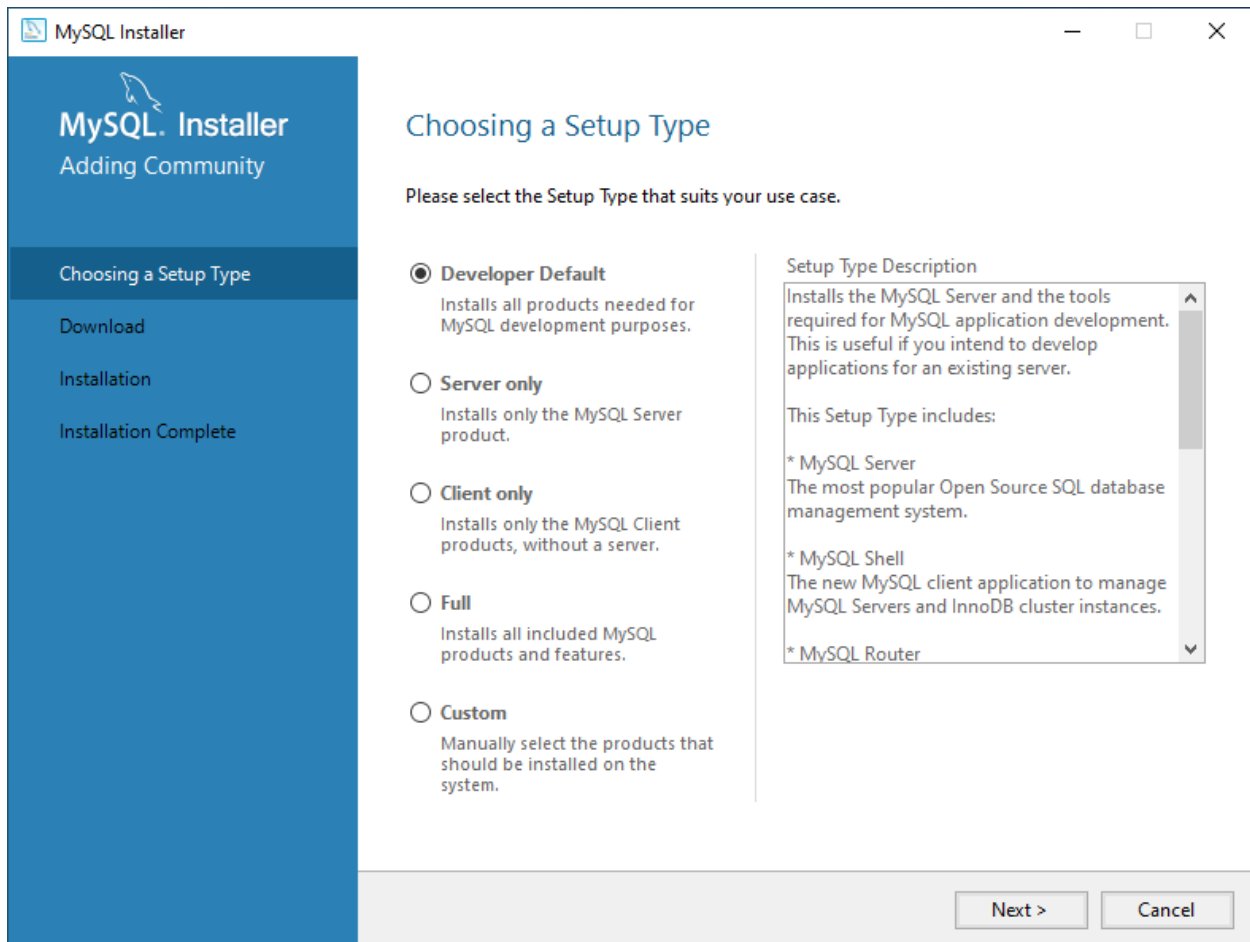
## Mavzu: Ma'lumotlar bazasi dasturlarini o'rnatish va sozlash

### 1. mysql-installer-community-8.0.28.0.msi dasturini o'rnatish.

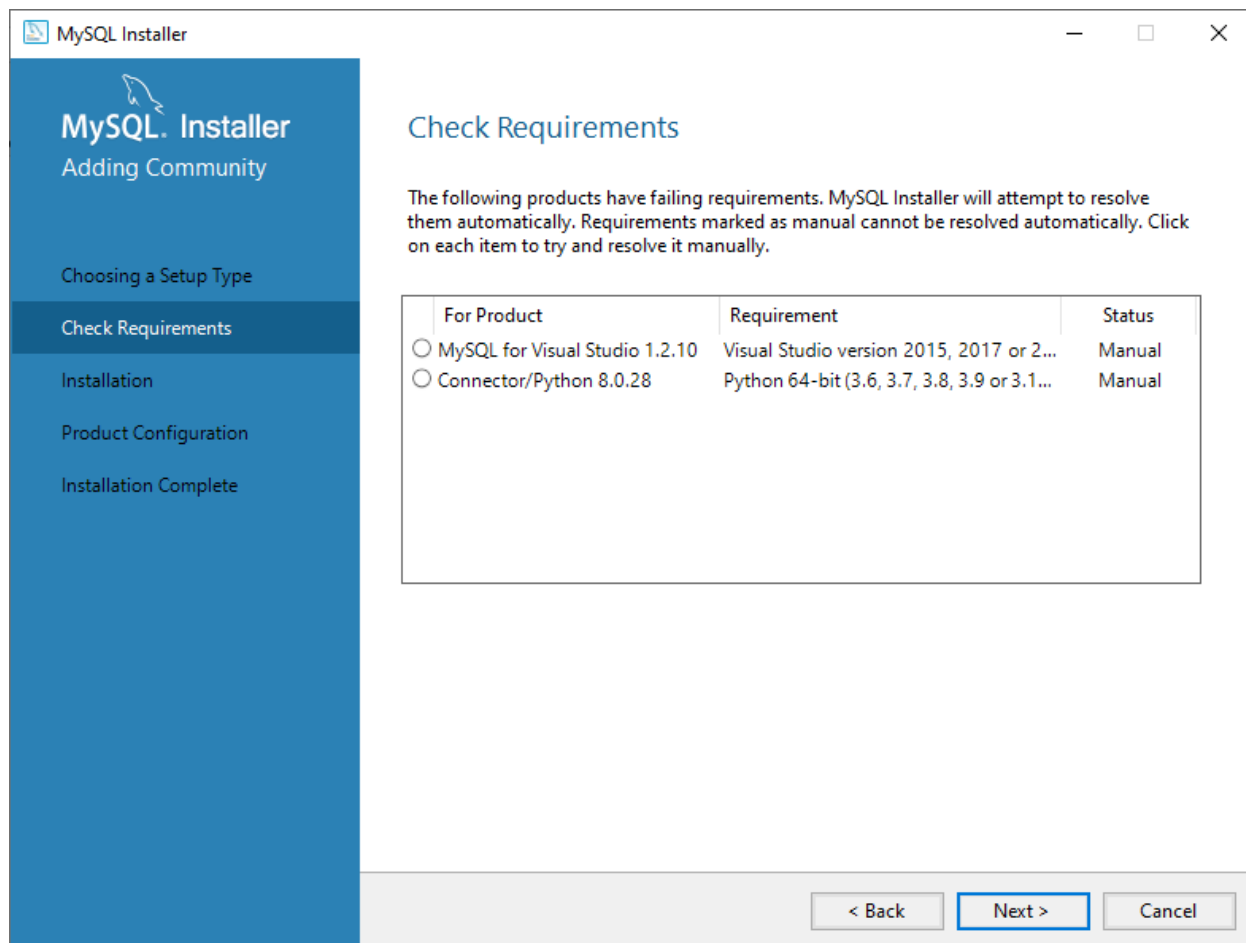
MySQL ni kompyuterga o'rnatish uchun dastlab **mysql-installer-community-8.0.28.0.msi** deb nomlanuvchi o'rnatish paketini yuklab olamiz.

Shu bilan birga biz **Microsoft Visual C++ 2015-2022 Redistributable (x64)** deb nomlangan o'rnatish paketini ham yuklab olib, kompyuterimizga o'rnatishimiz kerak bo'ladi.

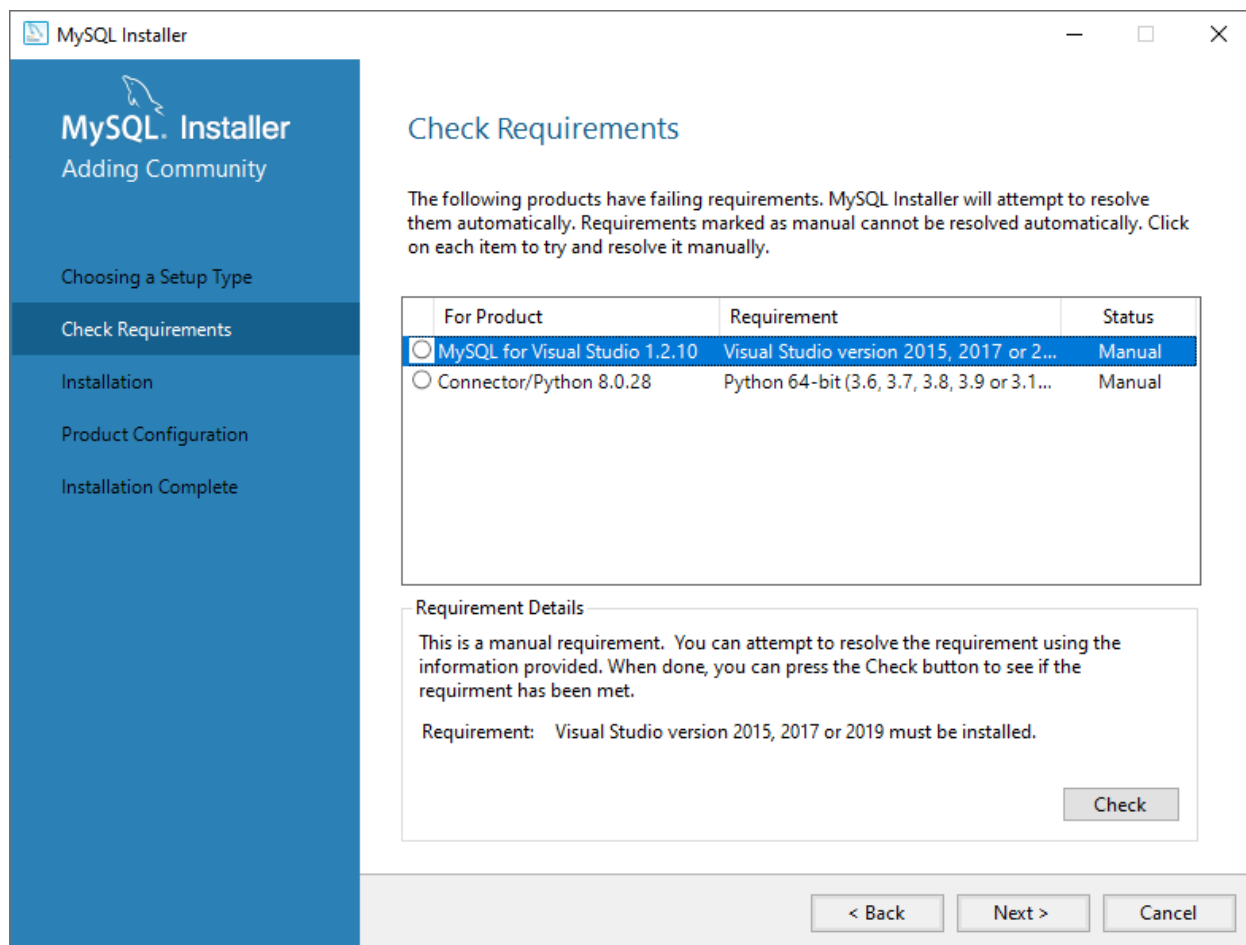
Quyida **mysql-installer-community-8.0.28.0.msi** dasturini o'rnatish jarayoni ko'rsatilgan.



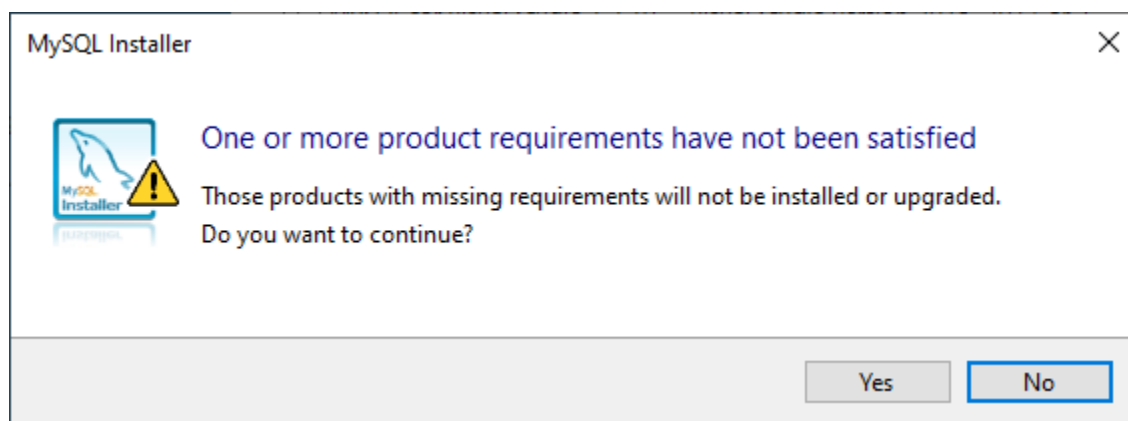
1.1-rasm. “**Choosing a Setup Type**” (O’rnatish turini tanlash) oynasi. Default (odatiy) holatda “**Developer Default**” tanlangan bo’ladi. Biz uni o’zgartirmasdan “**Next**” tugmasini bosamiz.



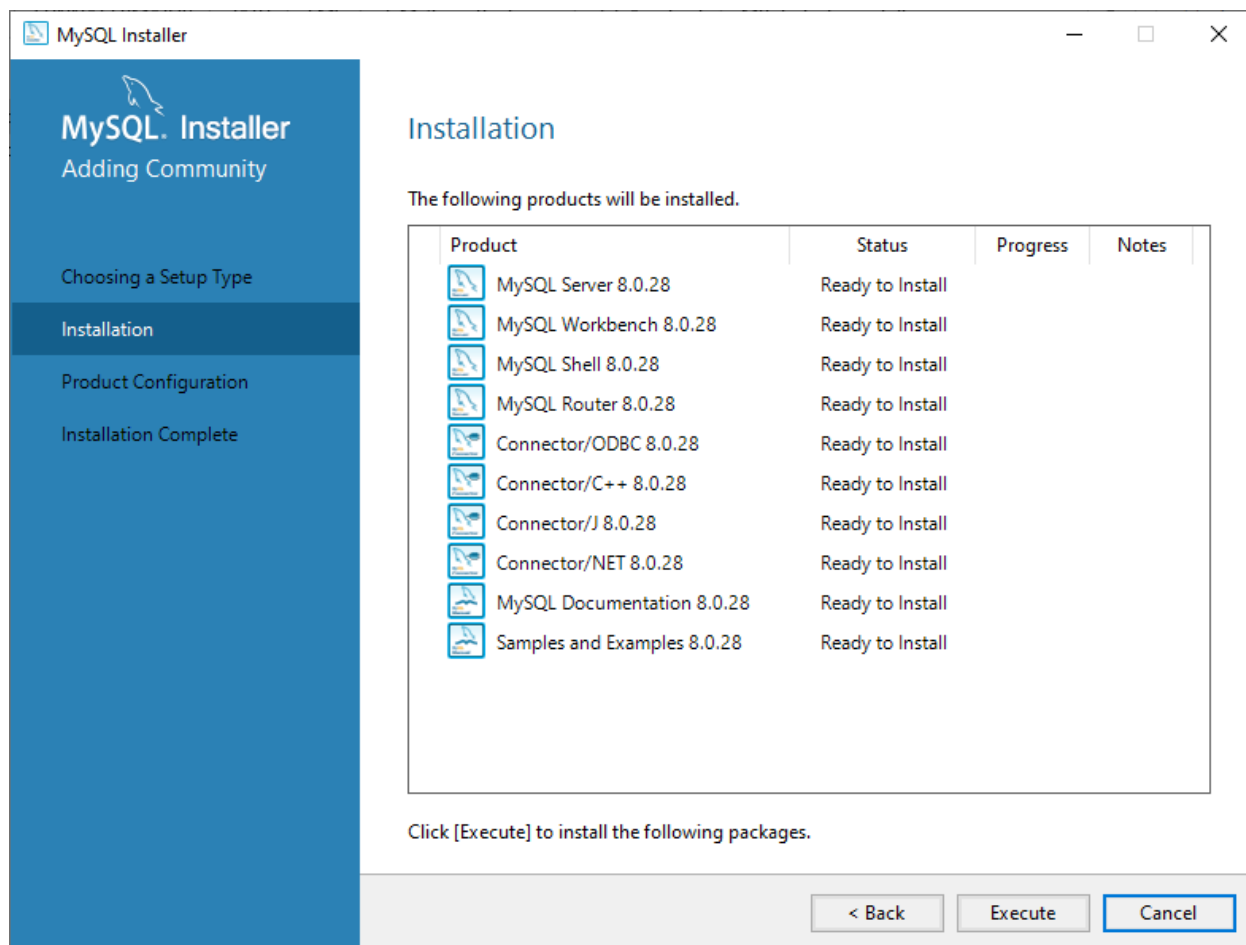
1.2-rasm. “**Check Requirements**” (Talablarni tekshirish) oynasi. “**Next**” tugmasini bosamiz.



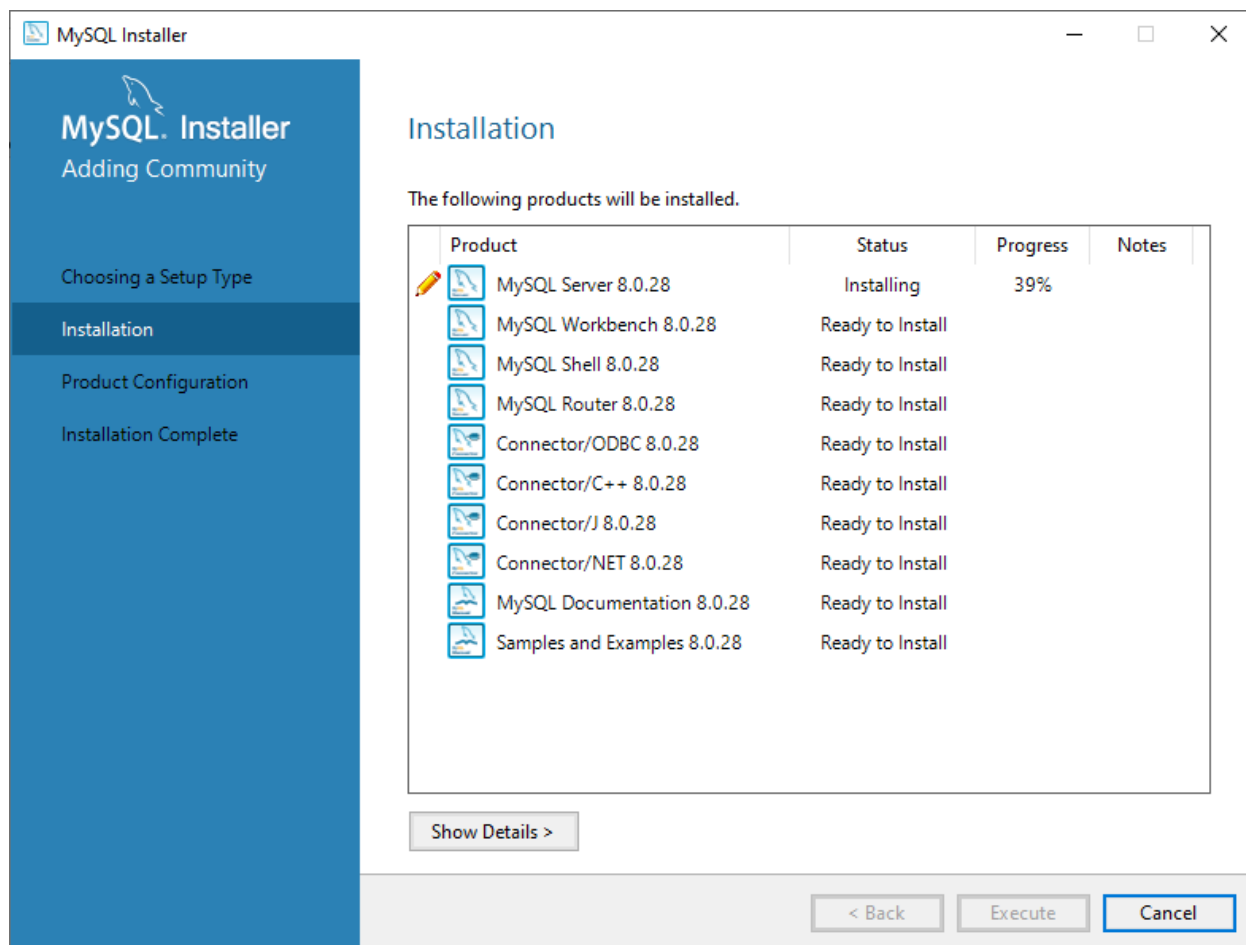
1.3-rasm. **“Check requirements”** (Talablarni tekshirish) oynasi. **“Next”** tugmasini bosamiz.



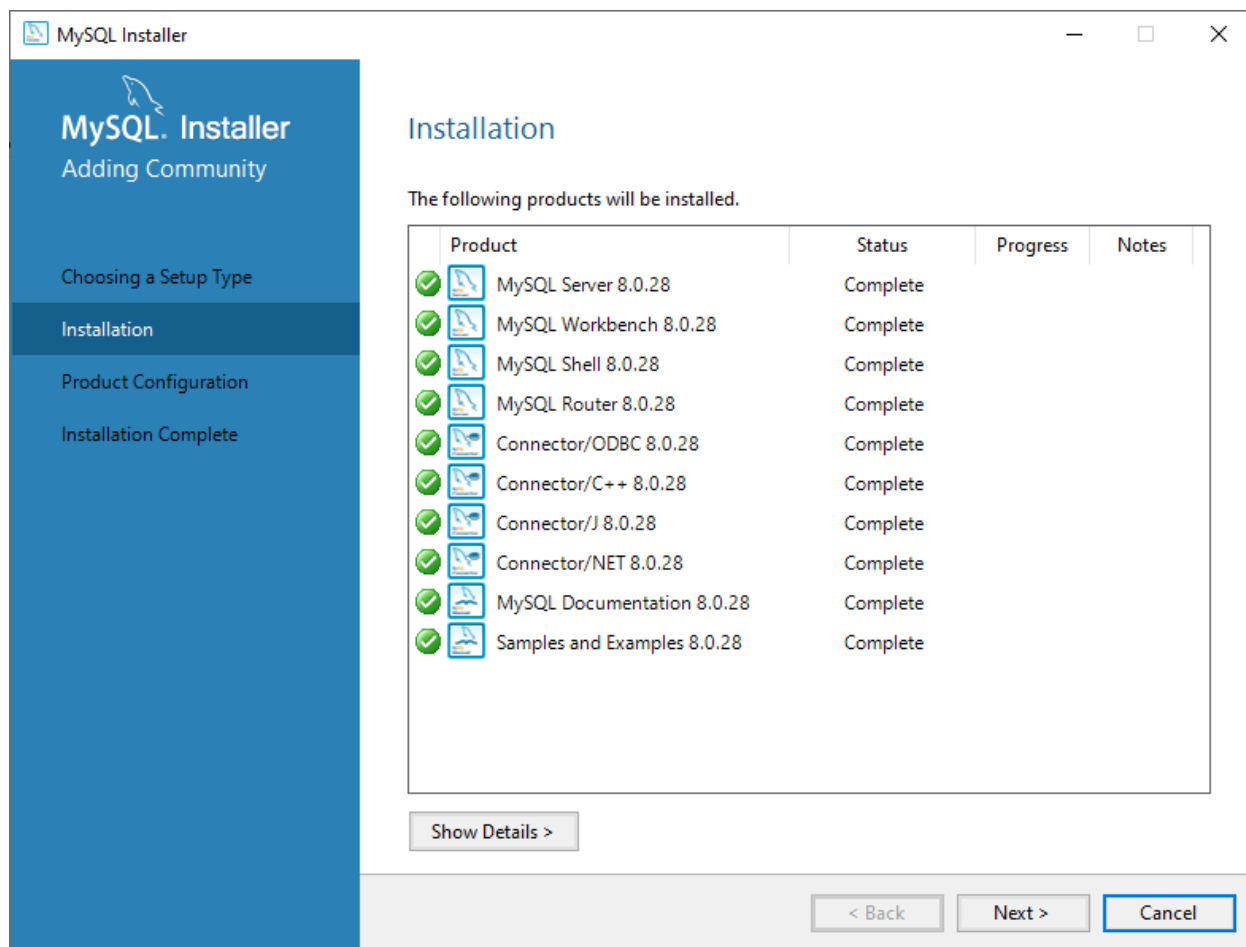
1.4-rasm. Ushbu muloqot oynasidagi **“Yes”** tugmasini bosamiz.



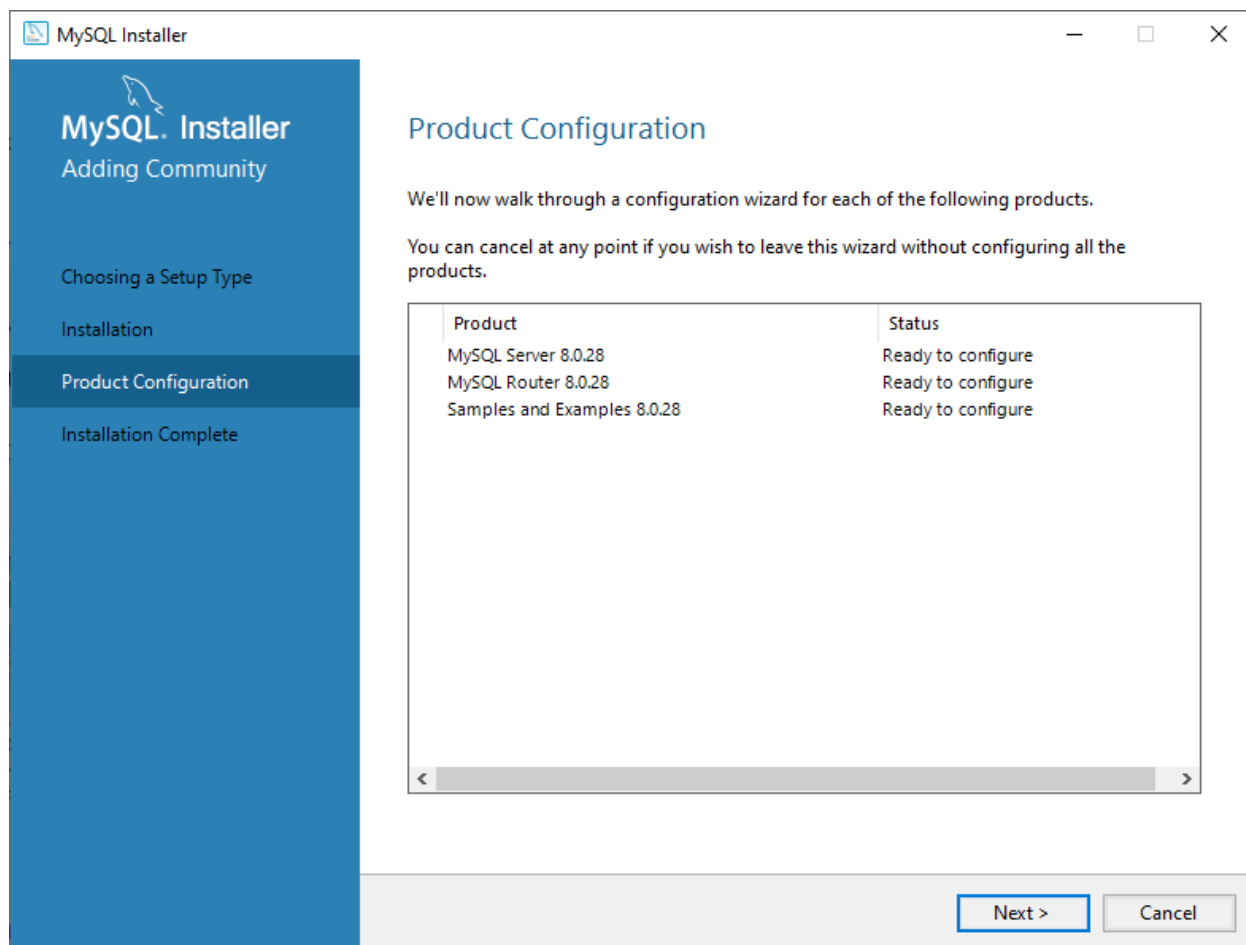
1.5-rasm. “**Installation**” (O’rnatish) oynasi. Undagi “**Execute**” (Bajarmoq) tugmasini bosamiz.



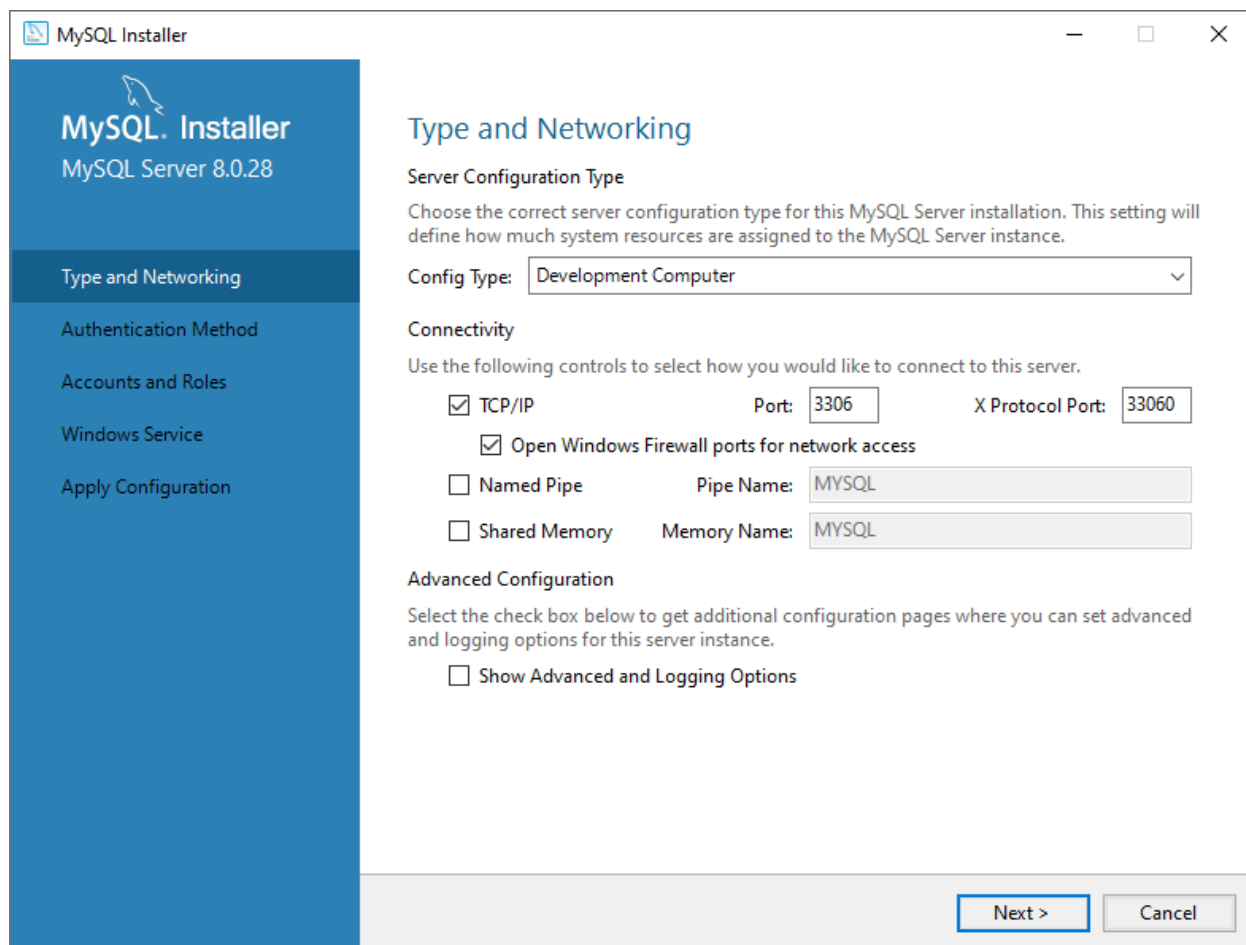
1.6-rasm. “**Execute**” tugmasi bosilgandan so’ng, ushbu muloqot oynasida berilgan barcha dastur va yordamchi dasturlar o’rnatiladi.



1.7-rasm. O'rnatish jarayoni nihoyasiga yetdi. Barcha dasturlar o'rnatilib bo'lindi. Endi **"Next"** tugmasini bosamiz.

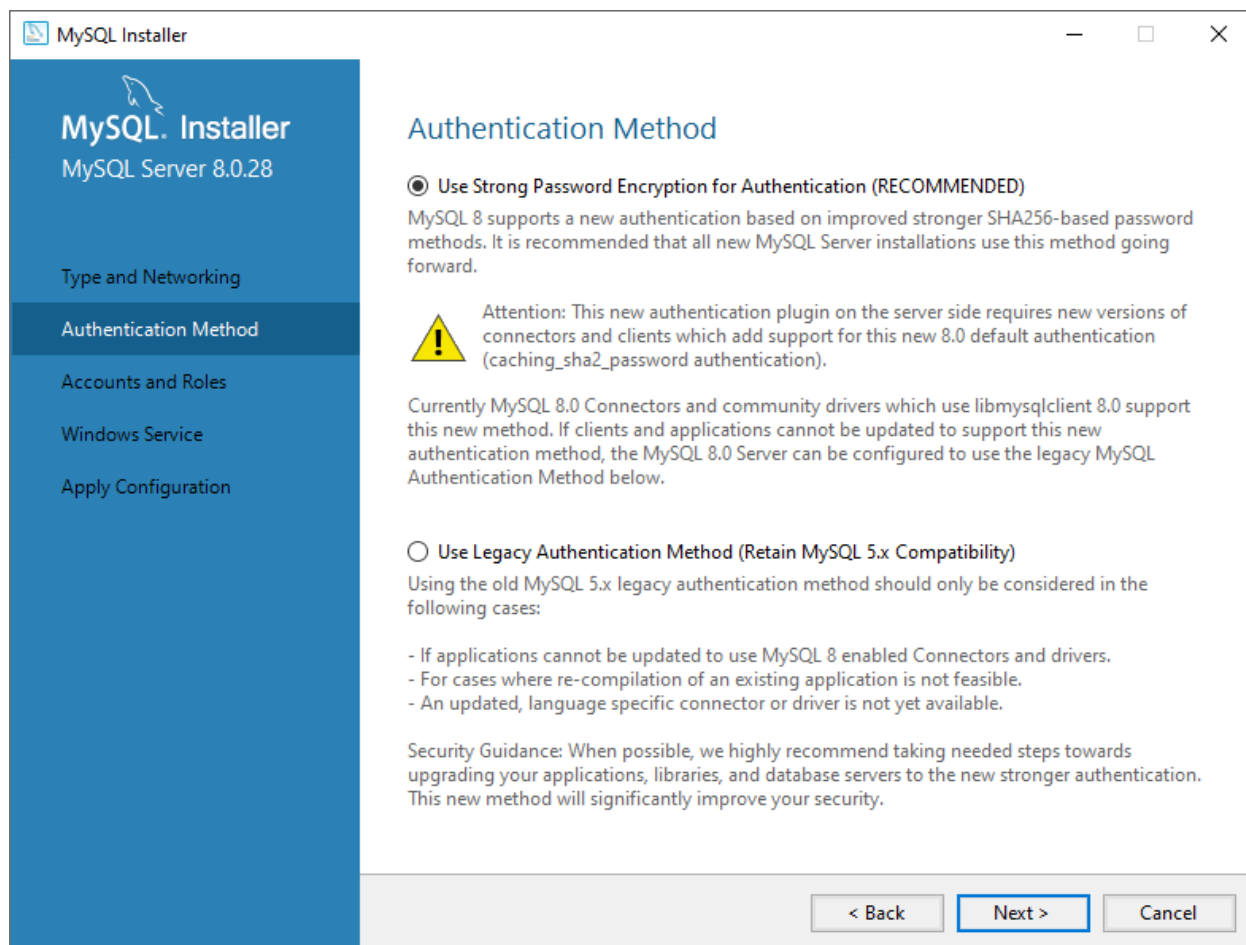


1.8-rasm. “**Product Configuration**” oynasi. Undagi “**Next**” tugmasini bosamiz.

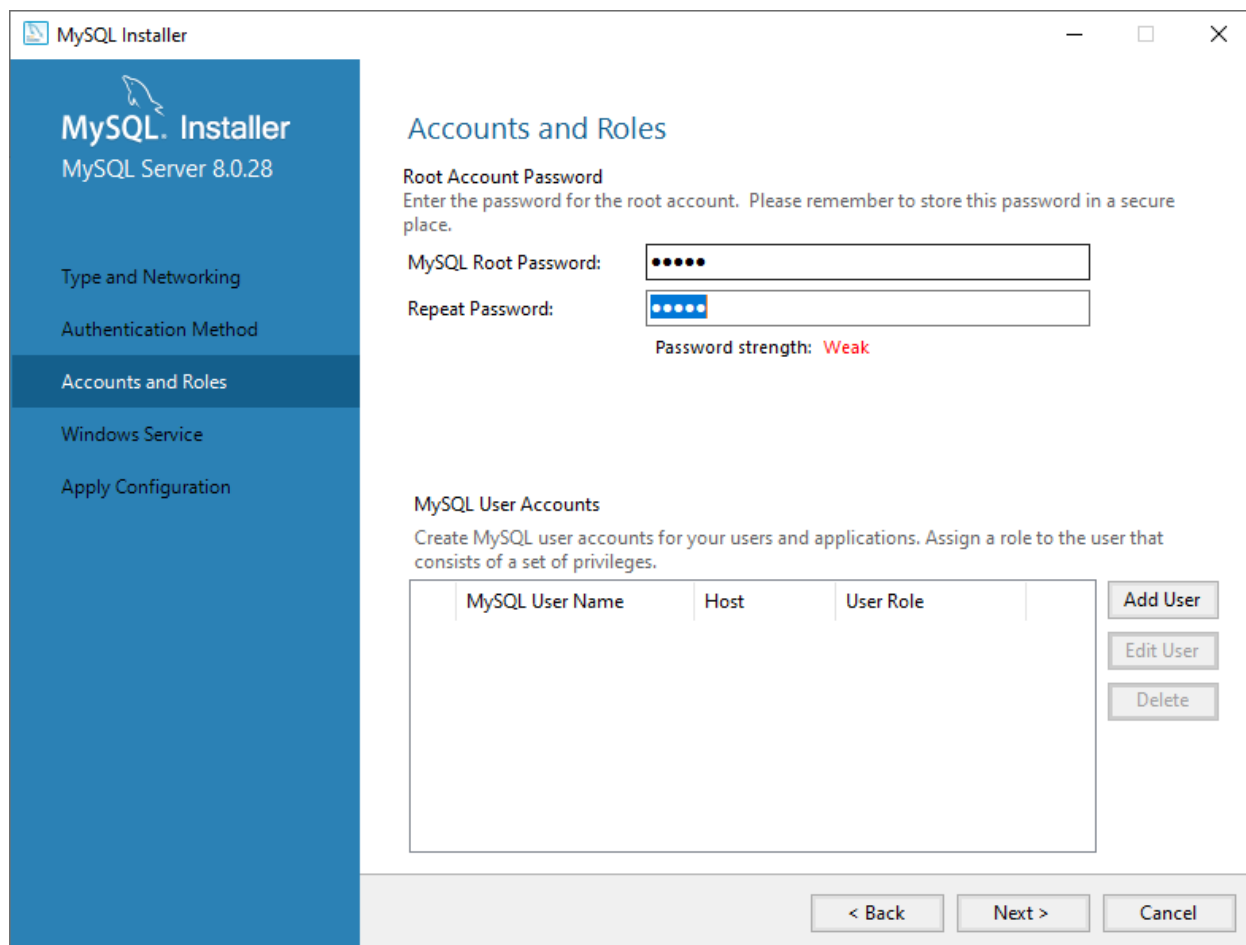


1.9-rasm. “**Type and Networking**” (Turi va tarmoq) oynasi. Undagi “**Next**” tugmasini bosamiz.

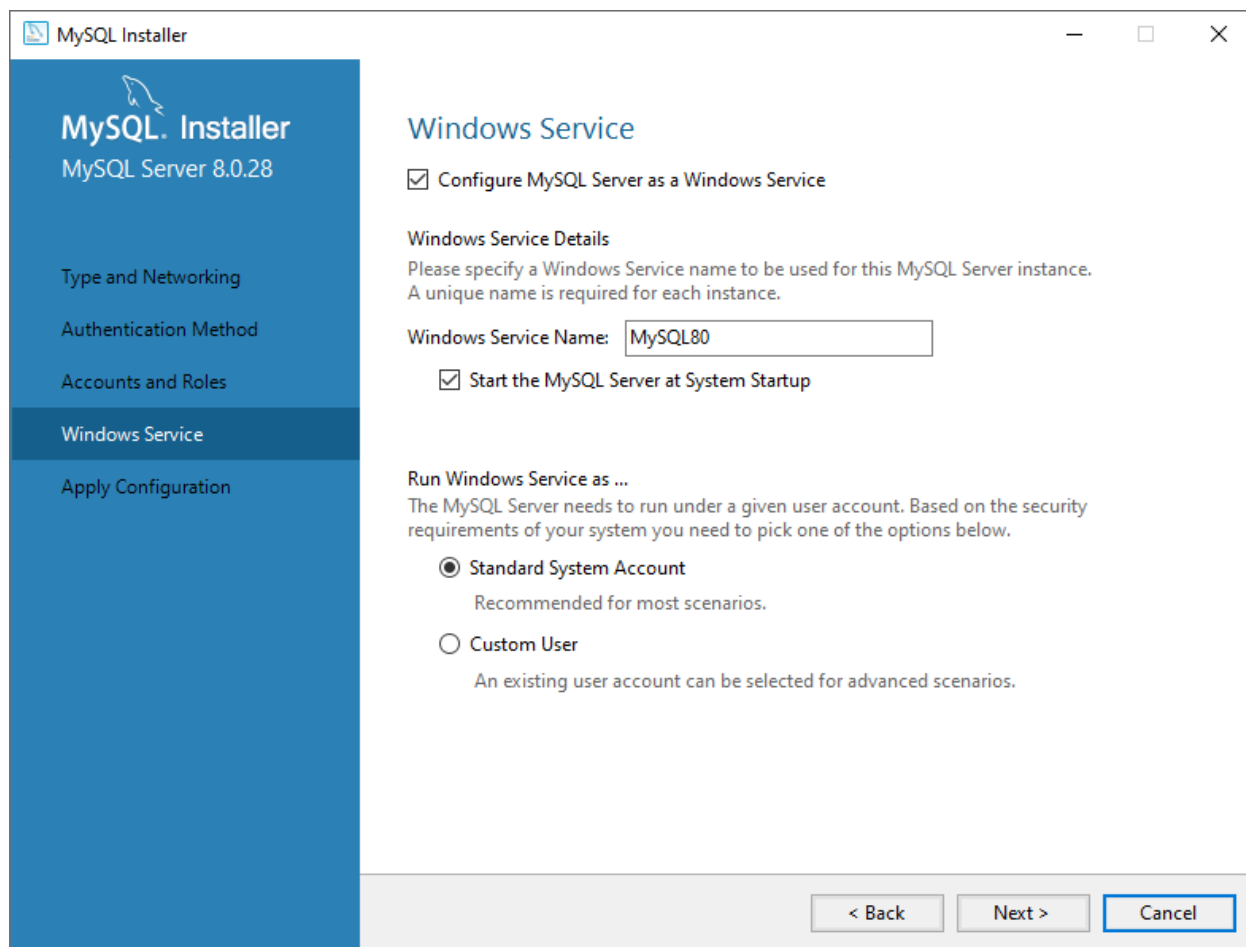




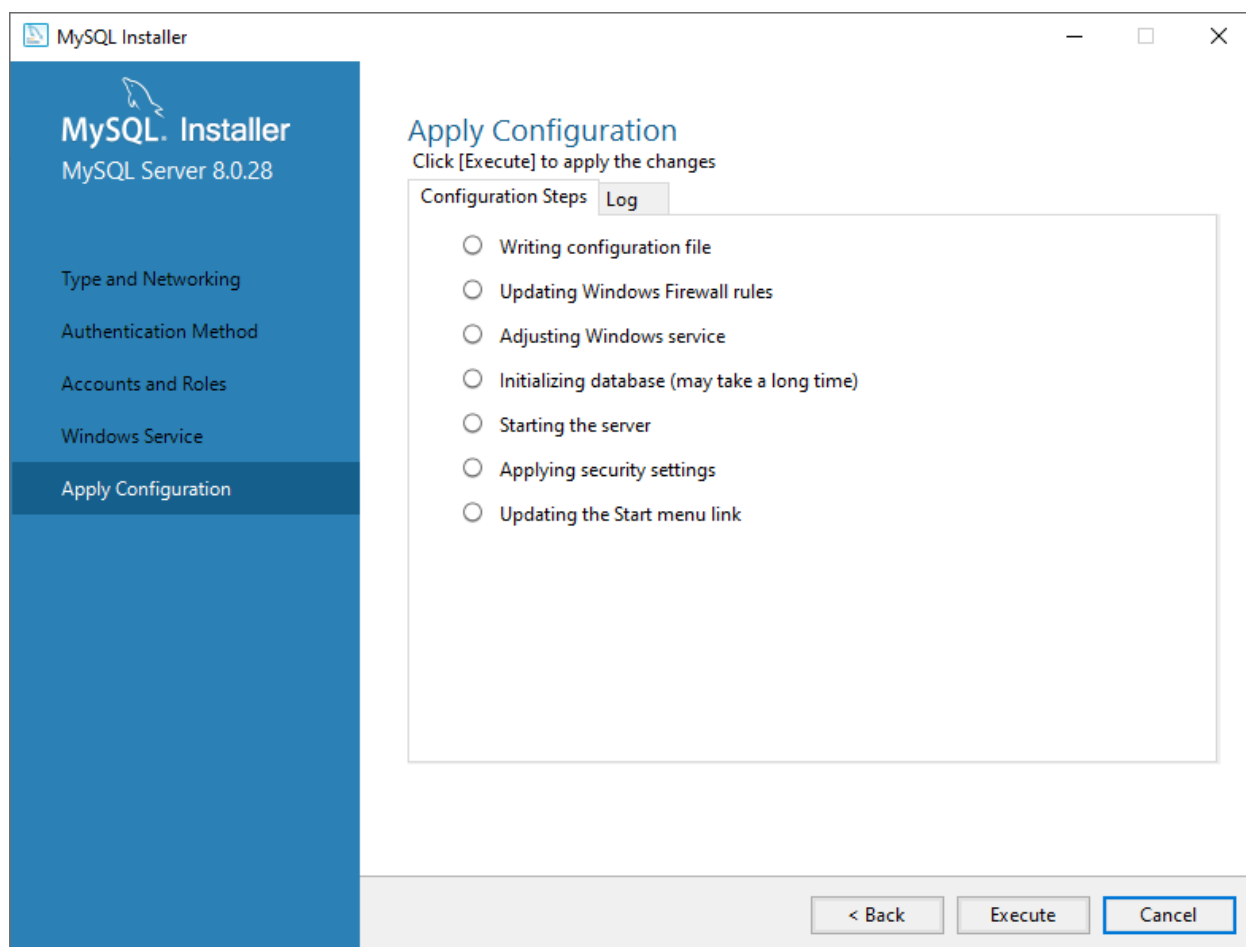
1.10-rasm. “**Authentication Method**” (Autentifikatsiya usuli) oynasi. Undagi “**Next**” tugmasini bosamiz.



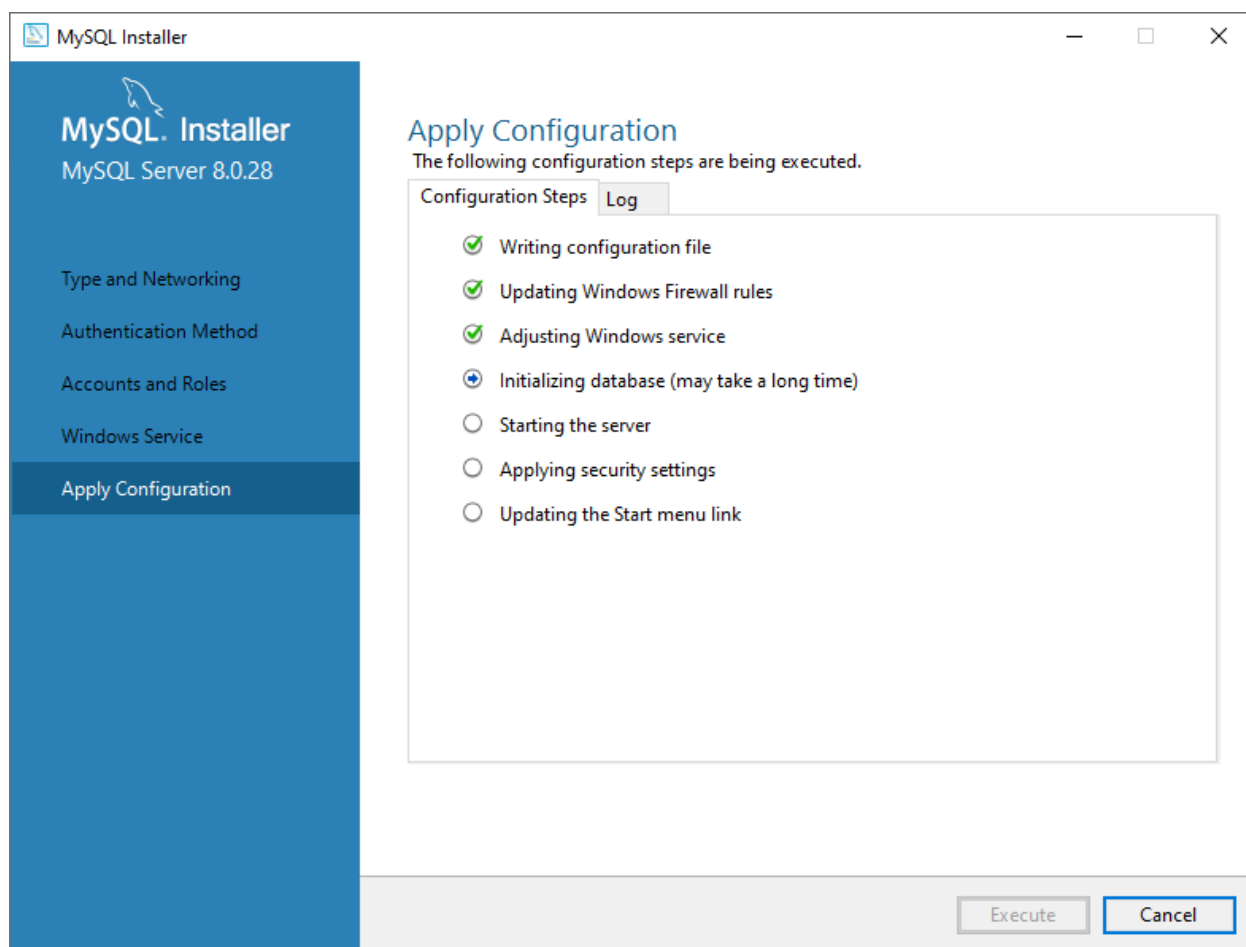
1.11-rasm. “**Accounts and Roles**” (Hisoblar va rollar) oynasi. Undagi “**MySQL Root Password**” (MySQL asosiy paroli) deb nomlangan kiritish paneliga parol yaratib kiritamiz va “**Repeat Password**” (Parolni takrorlash) deb atalgan kiritish qutisiga parolimizni takroran kiritamiz. So’ngra “**Next**” tugmasini bosamiz.



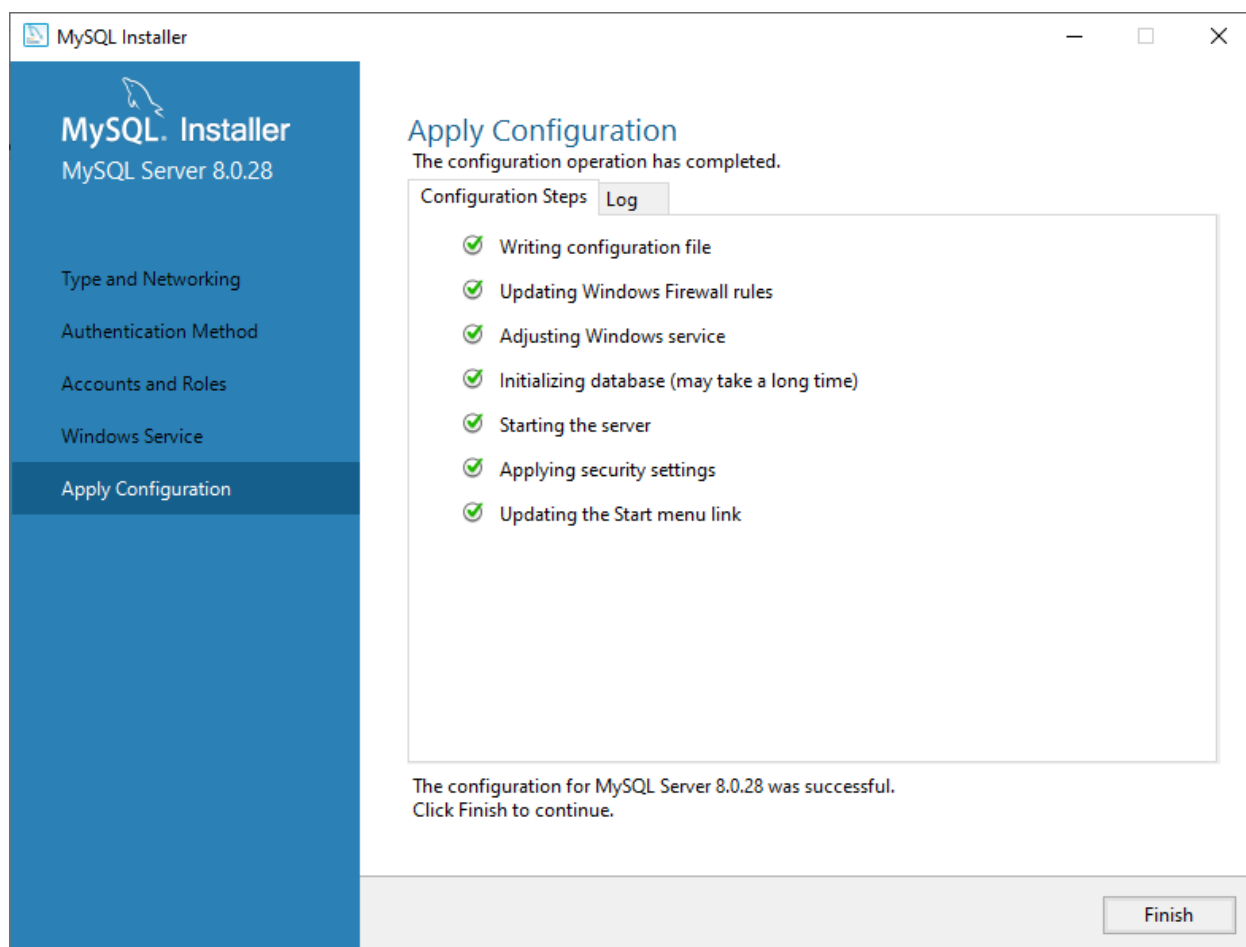
1.12-rasm. “**Windows Service**” (Windows xizmati) oynasi. Unga hech qanday o’zgartirish kiritmay, “**Next**” tugmasini bosamiz.



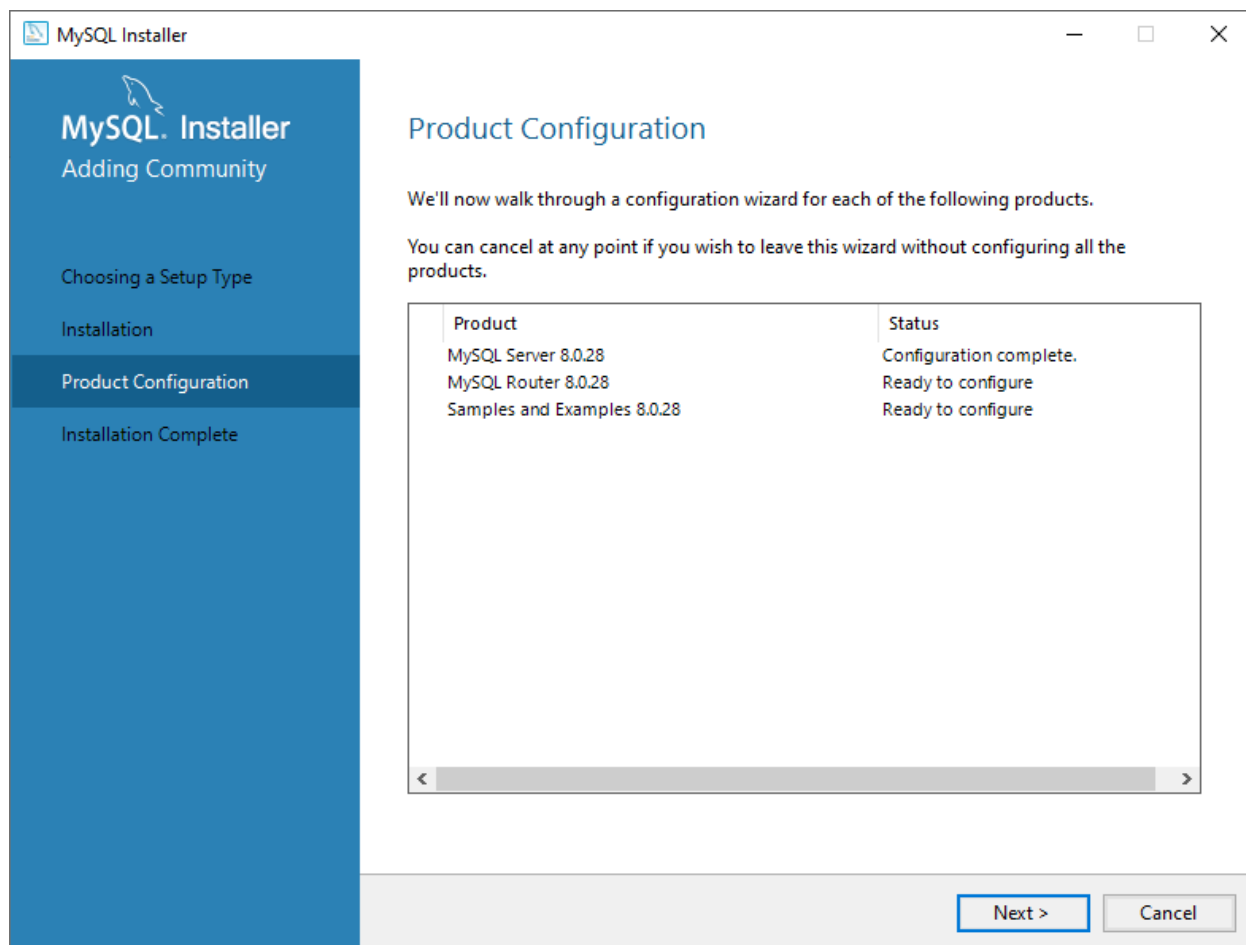
1.13-rasm. “**Apply Configuration**” (Konfiguratsiyani qo'llash) oynasi. Unda “**Configuration steps**” (Konfiguratsiya bosqichlari) berilgan. “**Execute**” (Bajarmoq) tugmasini bosamiz.



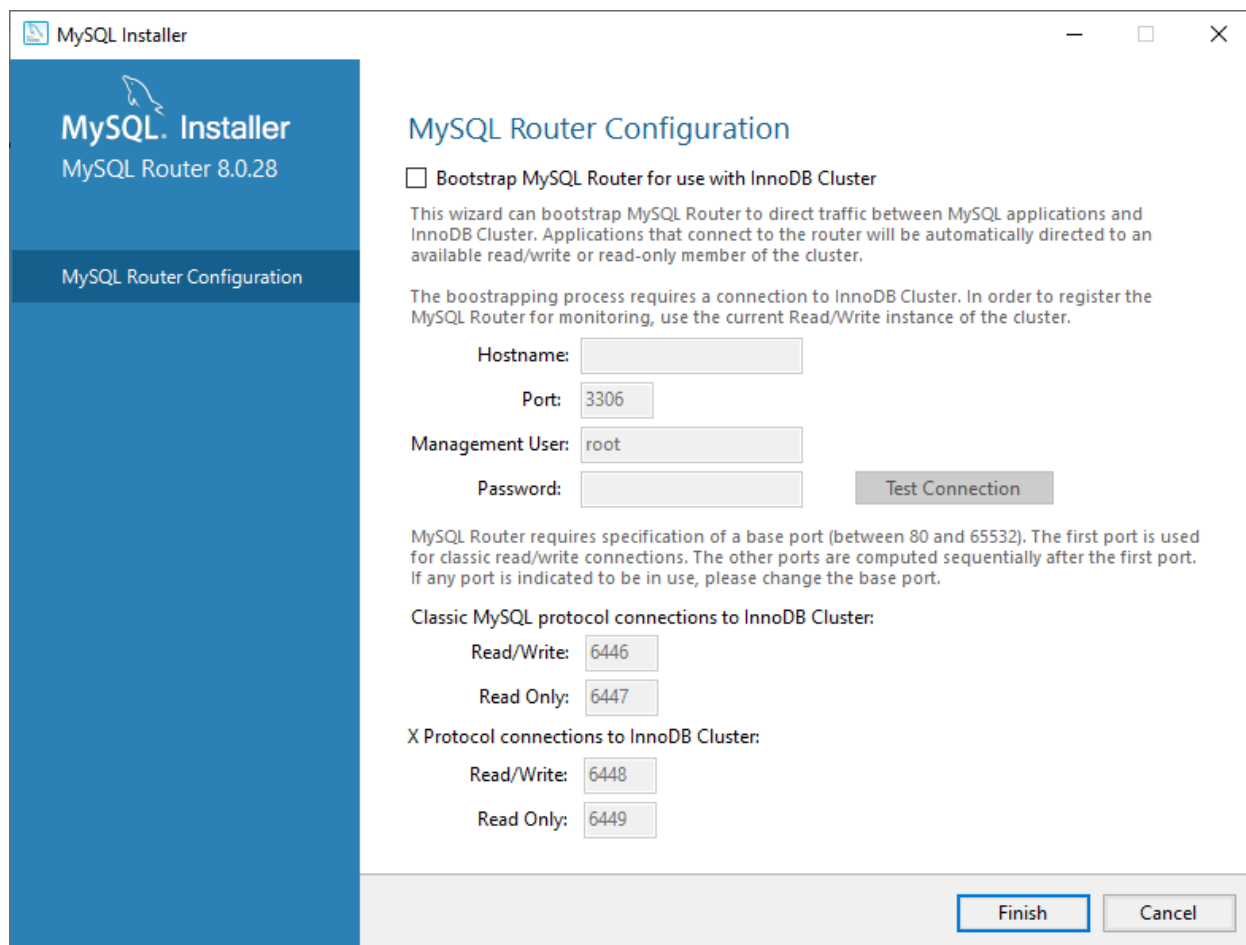
1.14-rasm. **“Apply Configuration”** (Konfiguratsiyani qo'llash) oynasi. **“Execute”** (Bajarmoq) tugmasini bosganimizdan so'ng, **“Configuration steps”** (Konfiguratsiya bosqichlari) ketma-ketlikda bajariladi.



1.15-rasm. **“Apply Configuration”** (Konfiguratsiyani qo'llash) oynasi. **“Execute”** (Bajarmoq) tugmasini bosganimizdan so'ng, **“Configuration steps”** (Konfiguratsiya bosqichlari) ketma-ketlikda bajarildi va jarayon yakunlandi. Endi **“Finish”** tugmasini bosamiz.

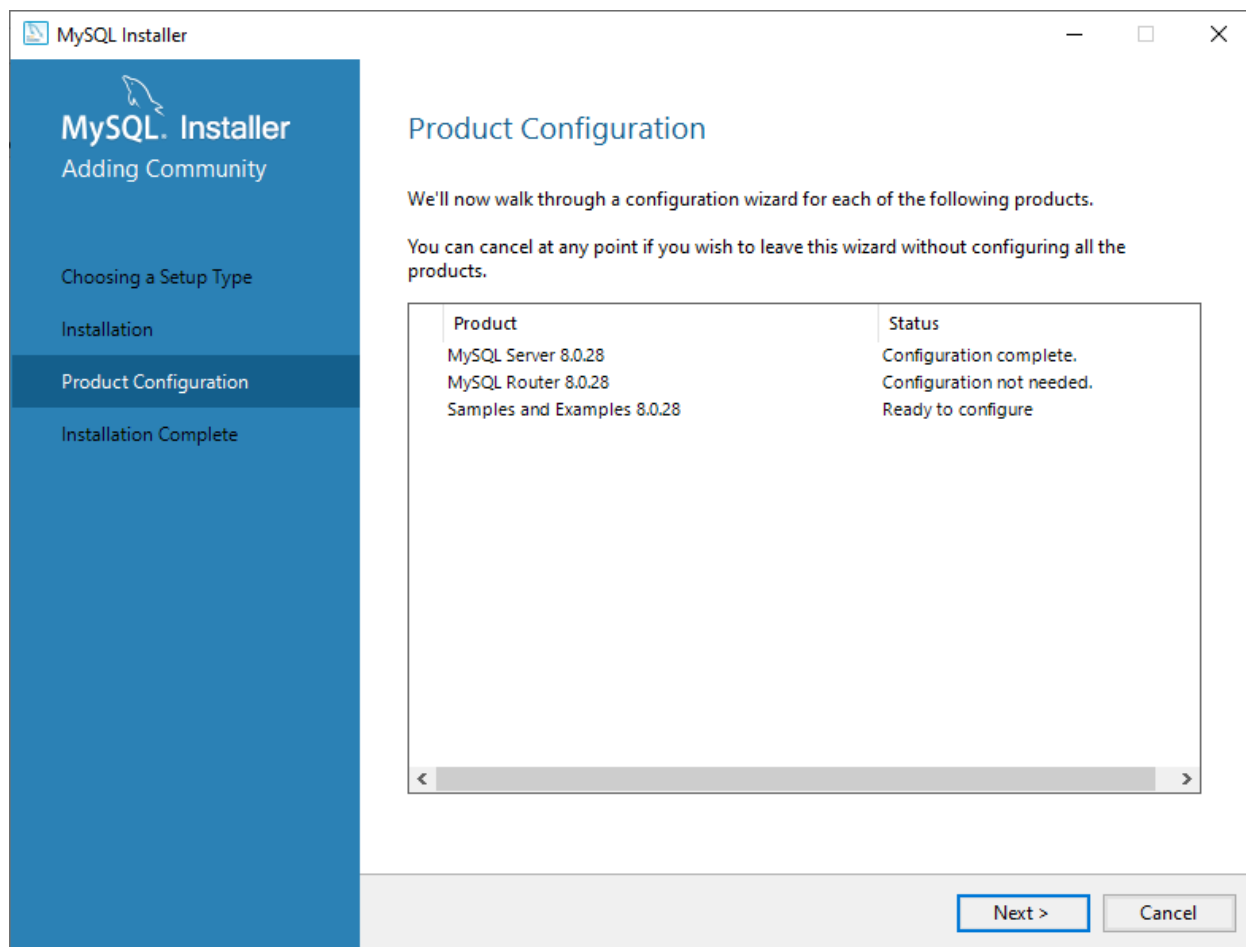


1.16-rasm. “**Product Configuration**” oynasi. Undagi “**Next**” tugmasini bosamiz.

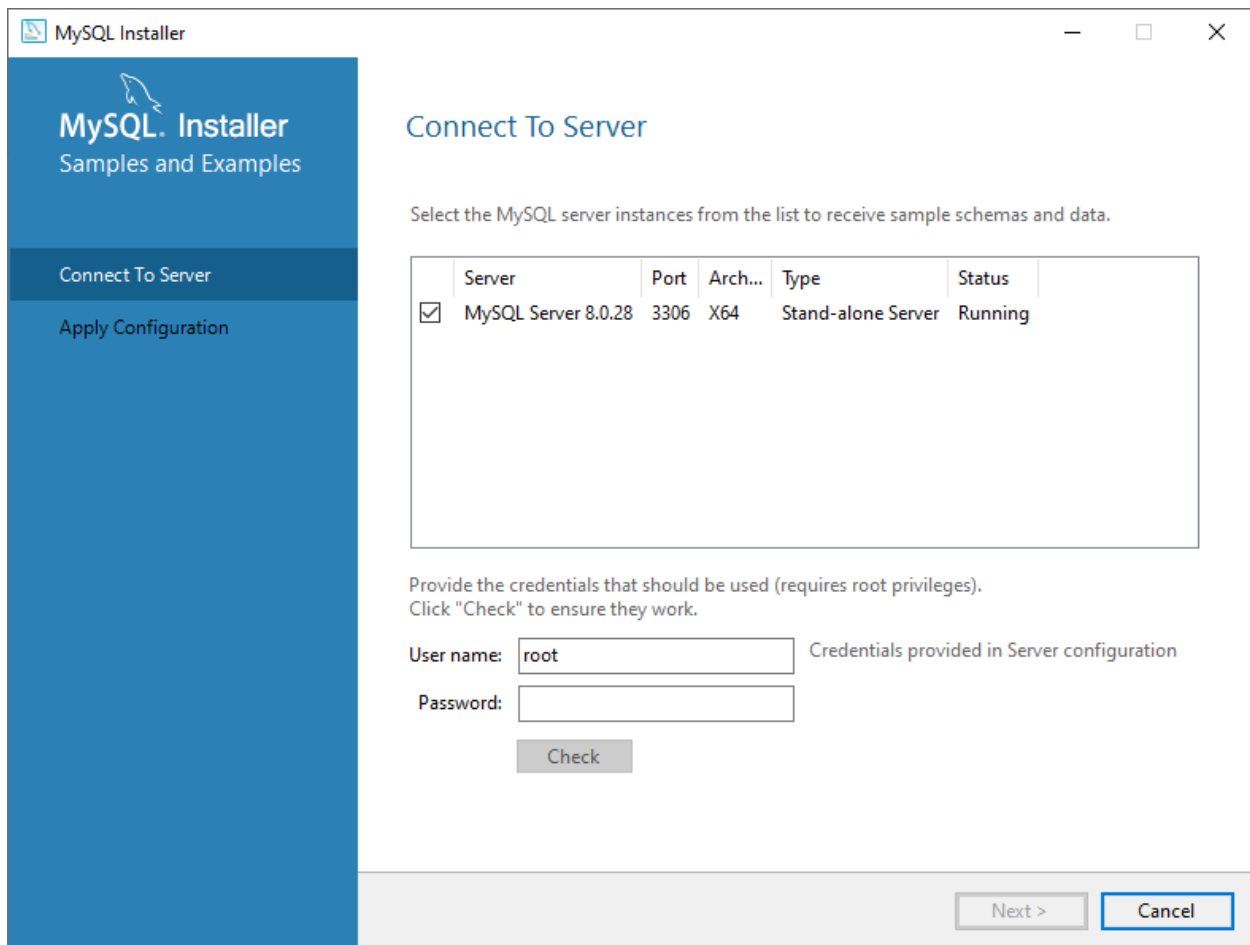


1.17-rasm. “**MySql Router Configuration**” (MySql router konfiguratsiyasi) oynasi. Undagi “**Finish**” tugmasini bosamiz.

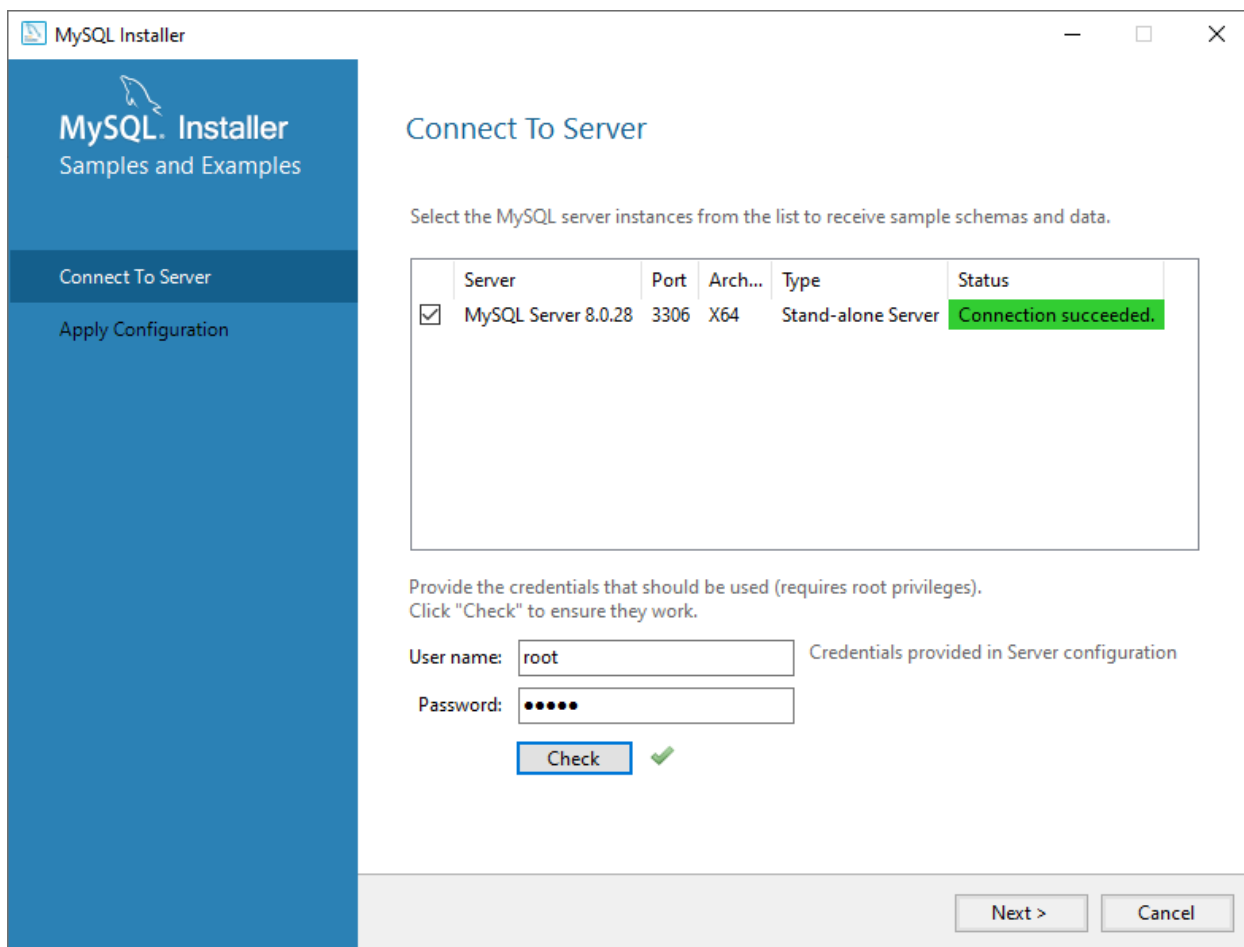




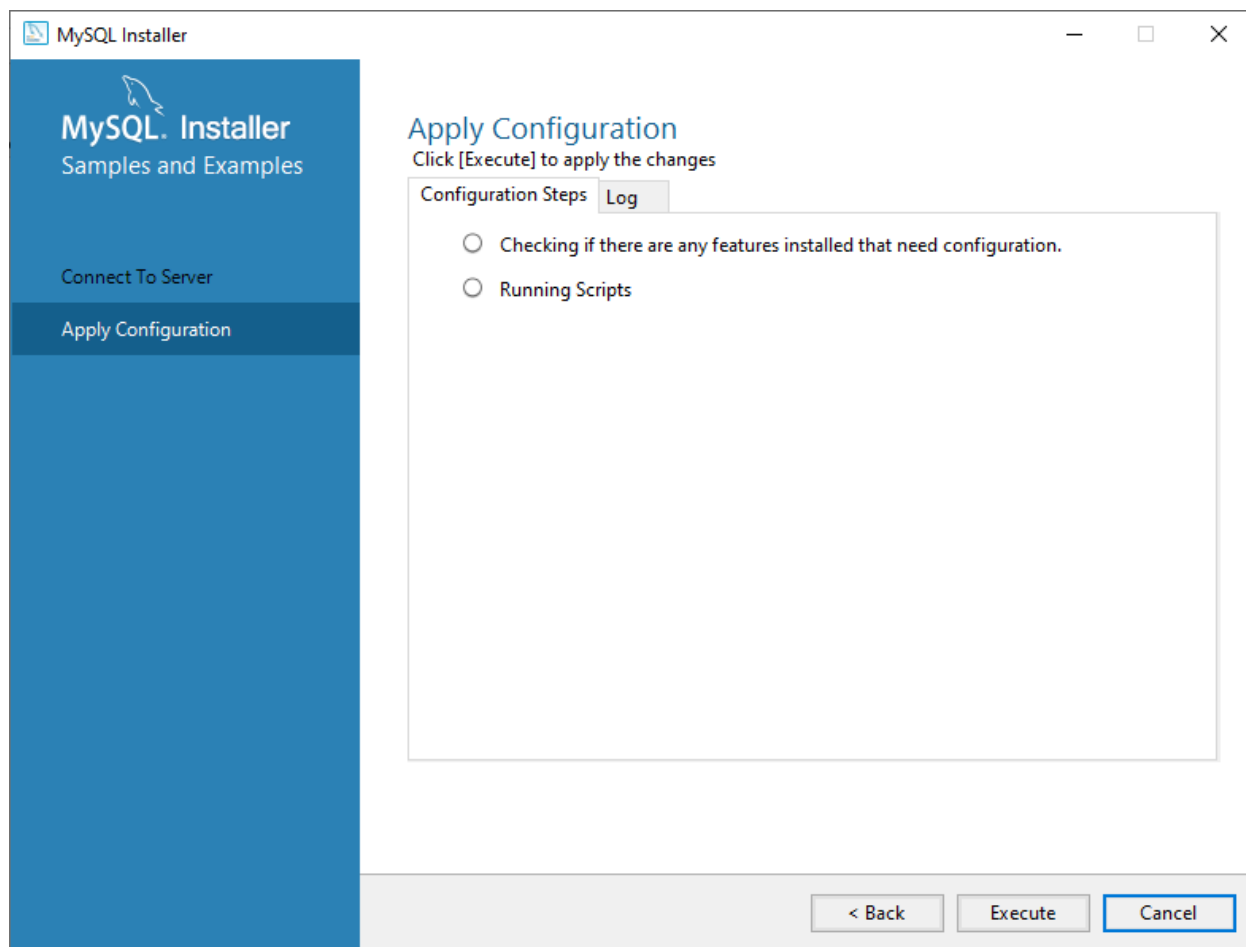
1.18-rasm. “**Product Configuration**” (Mahsulot konfiguratsiyasi) oynasi. Undagi “**Next**” tugmasini bosamiz.



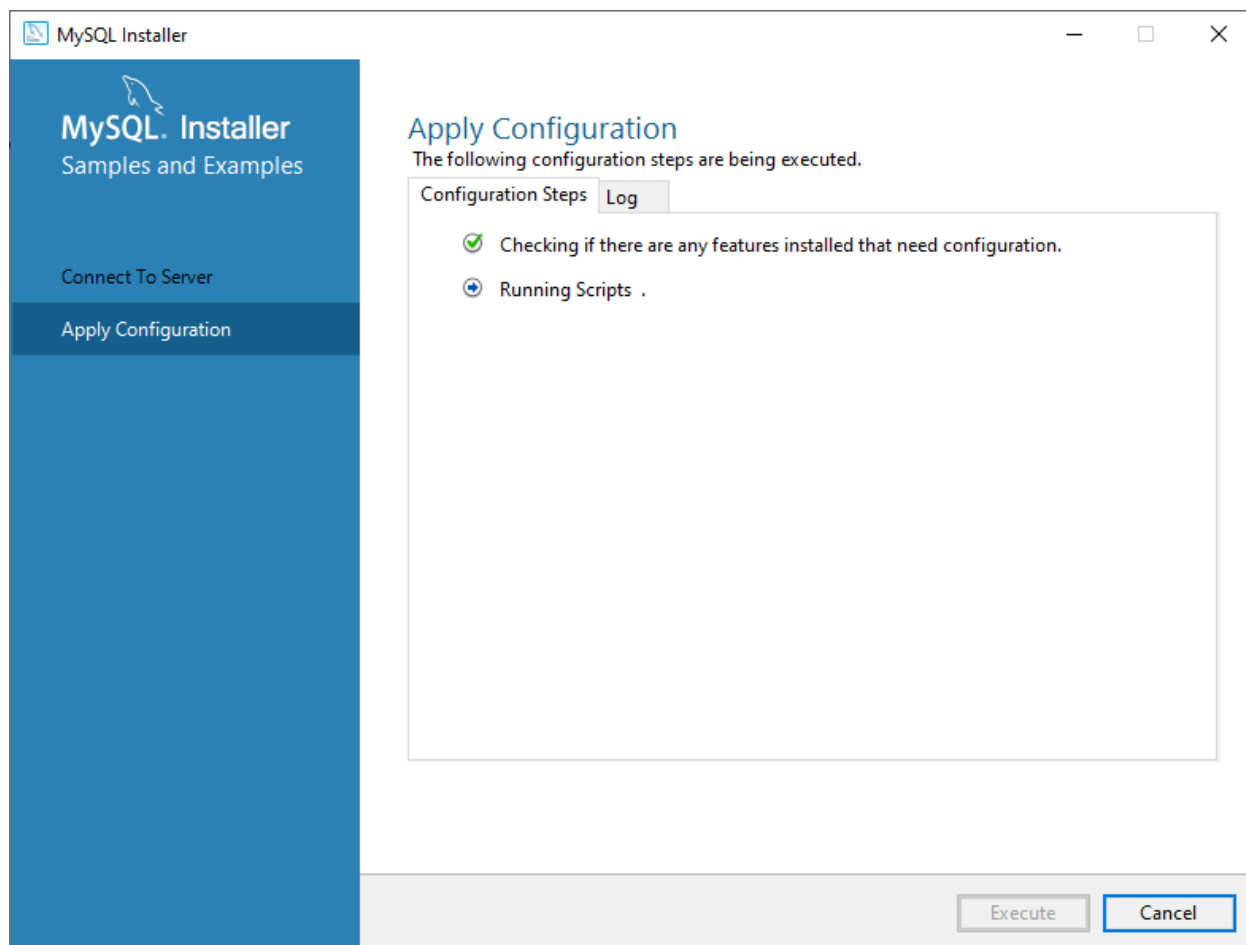
1.19-rasm. “**Connect To Server**” (Serverga ulanish) oynasi.



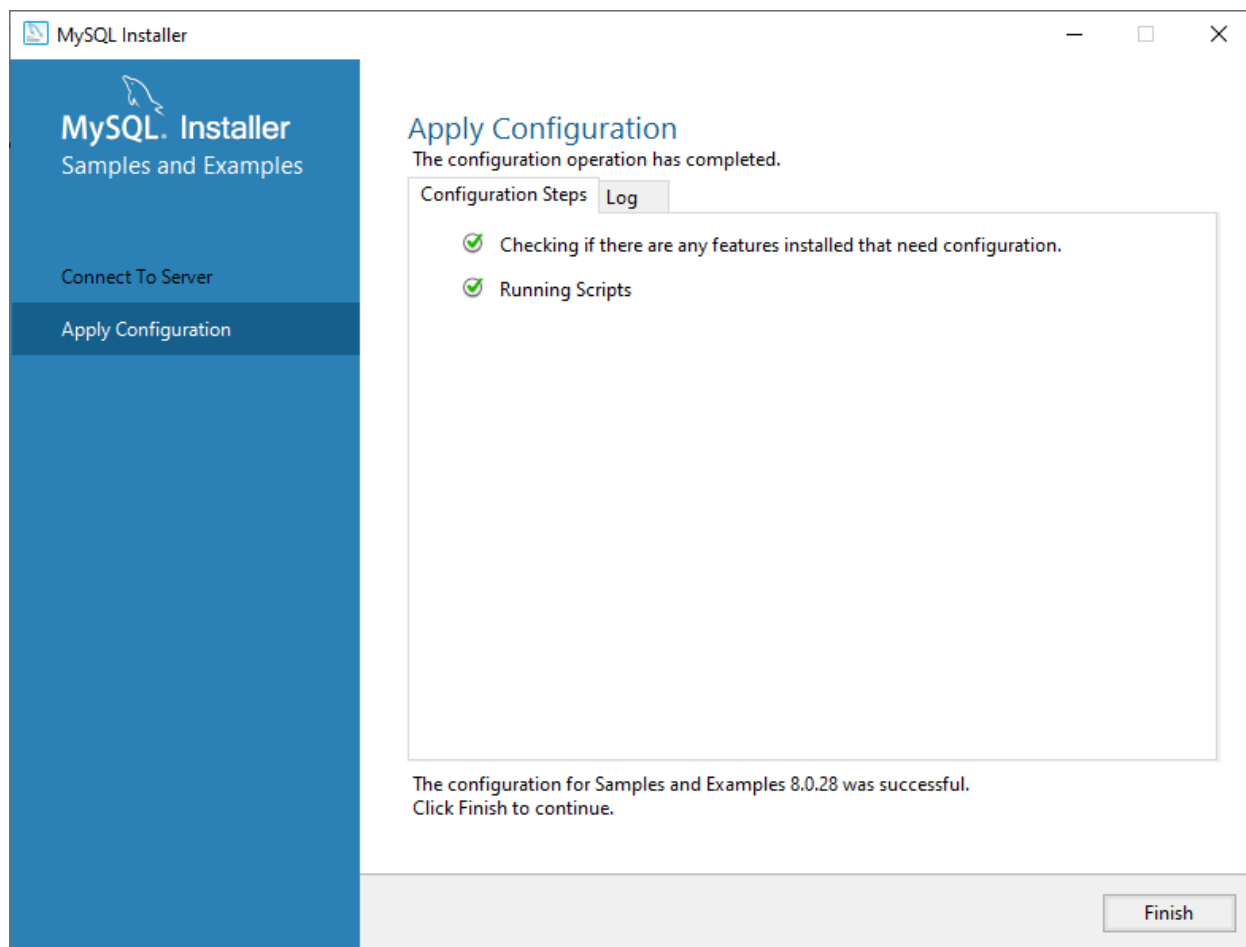
1.19-rasm. “**Connect To Server**” (Serverga ulanish) oynasi. Undagi “**Password**” (Parol) deb nomlangan kiritish qutisiga yuqorida o’rnatgan parolimizni kiritamiz va “**Check**” tugmasini bosamiz. “**Connection succeeded**” (Ulanish muvaffaqiyatli amalga oshirildi) degan yozuv “**Status**” ga chiqdi. Endi “**Next**” tugmasini bosamiz.



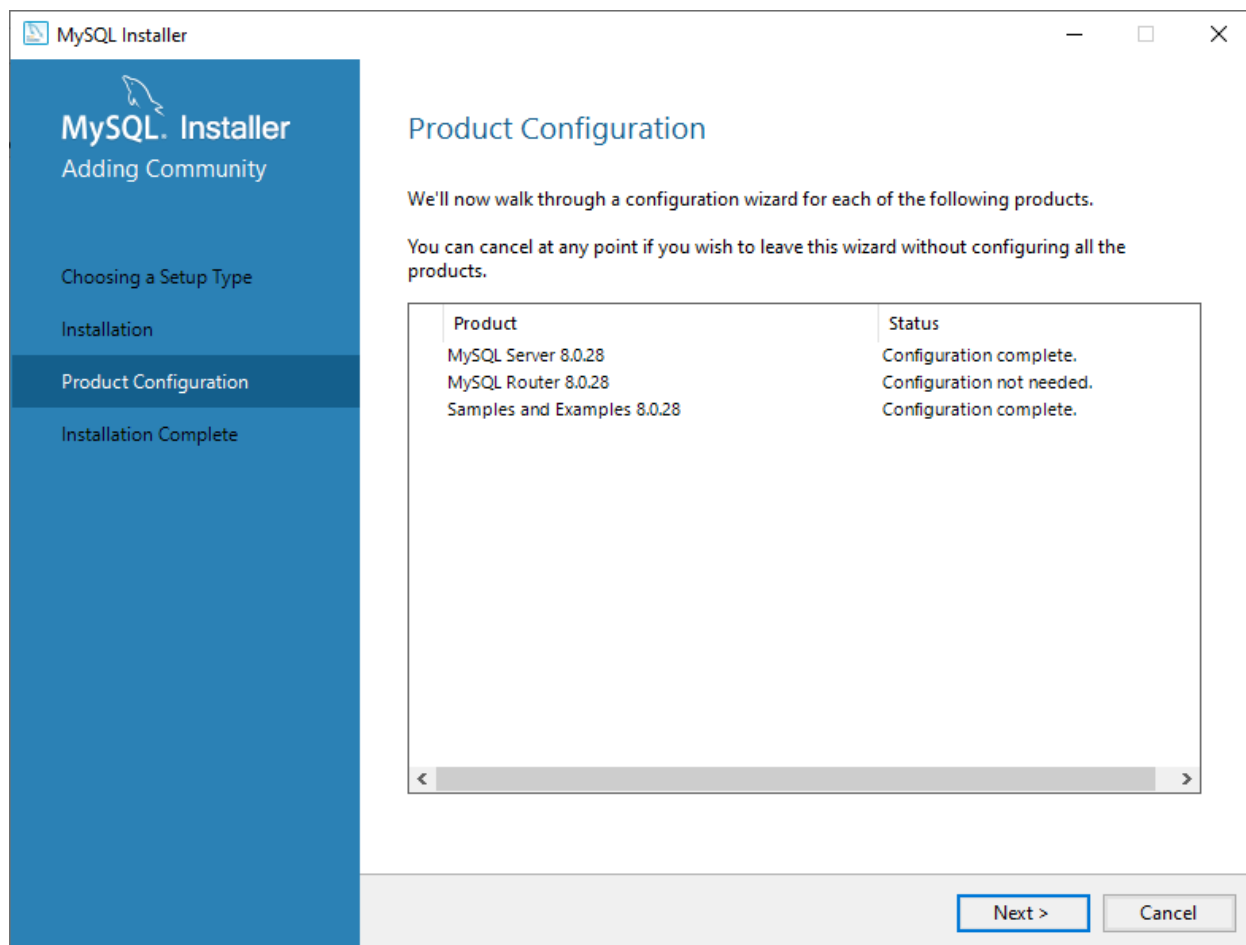
1.20-rasm. “**Apply Configuration**” oynasi. Undagi “**Execute**” tugmasini bosamiz.



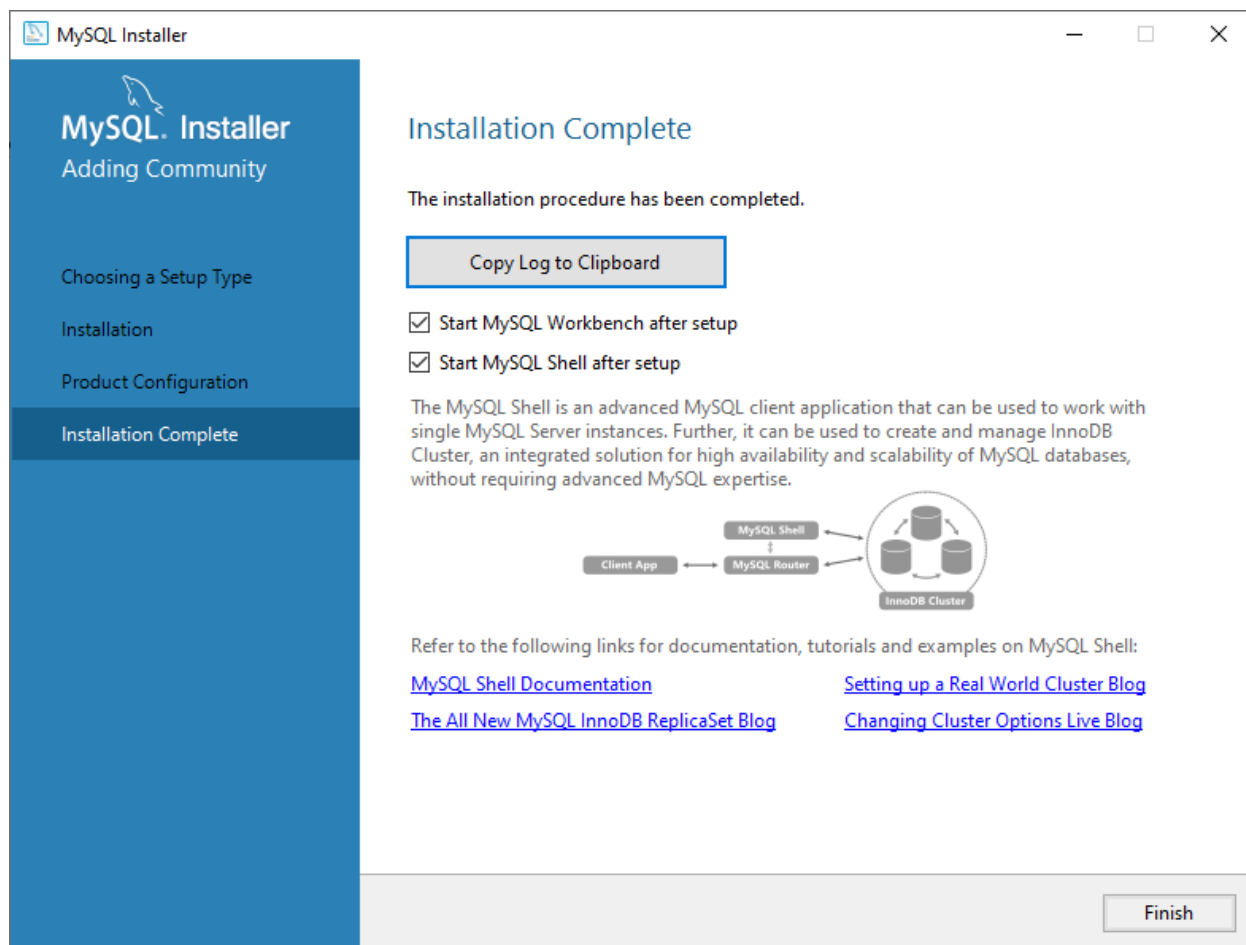
1.21-rasm. “**Apply Configuration**” oynasi. Undagi “**Execute**” tugmasini bosganimizdan keyin “**Configuration Steps**” bajariladi.



1.22-rasm. “**Apply Configuration**” oynasi. Undagi “**Execute**” tugmasini bosganimizdan keyin “**Configuration Steps**” bajarildi. Endi “**Finish**” tugmasini bosamiz.

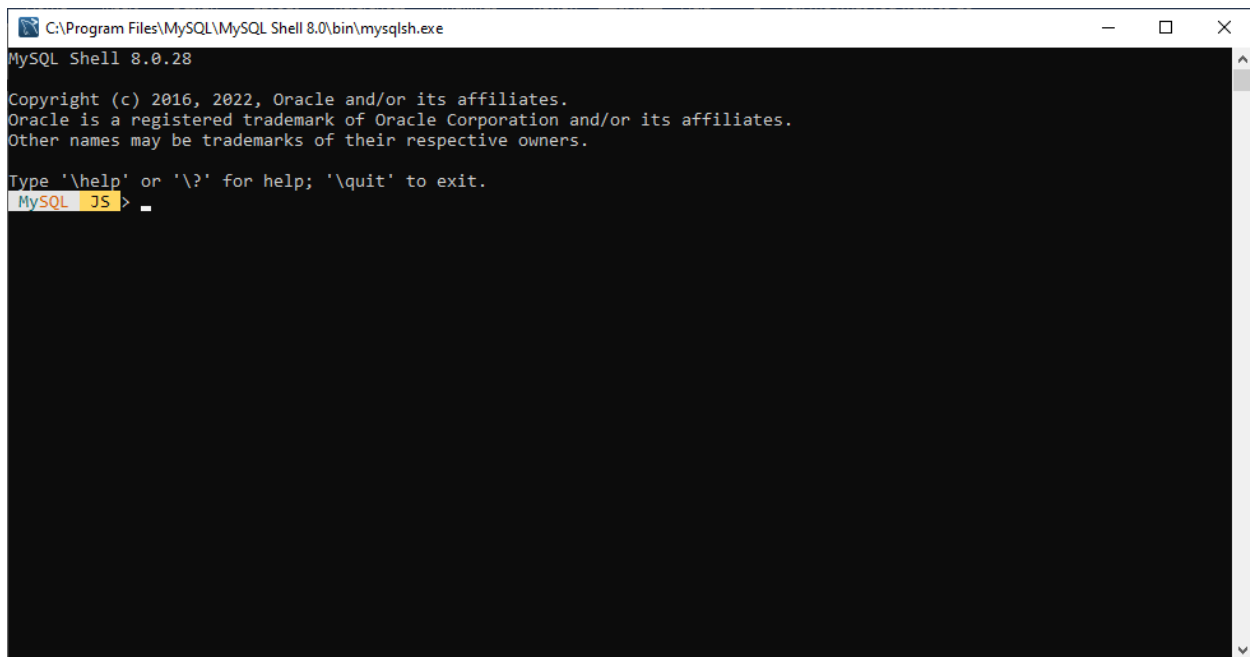


1.23-rasm. “**Product Configuration**” oynasi. Undagi “**Next**” tugmasini bosamiz.

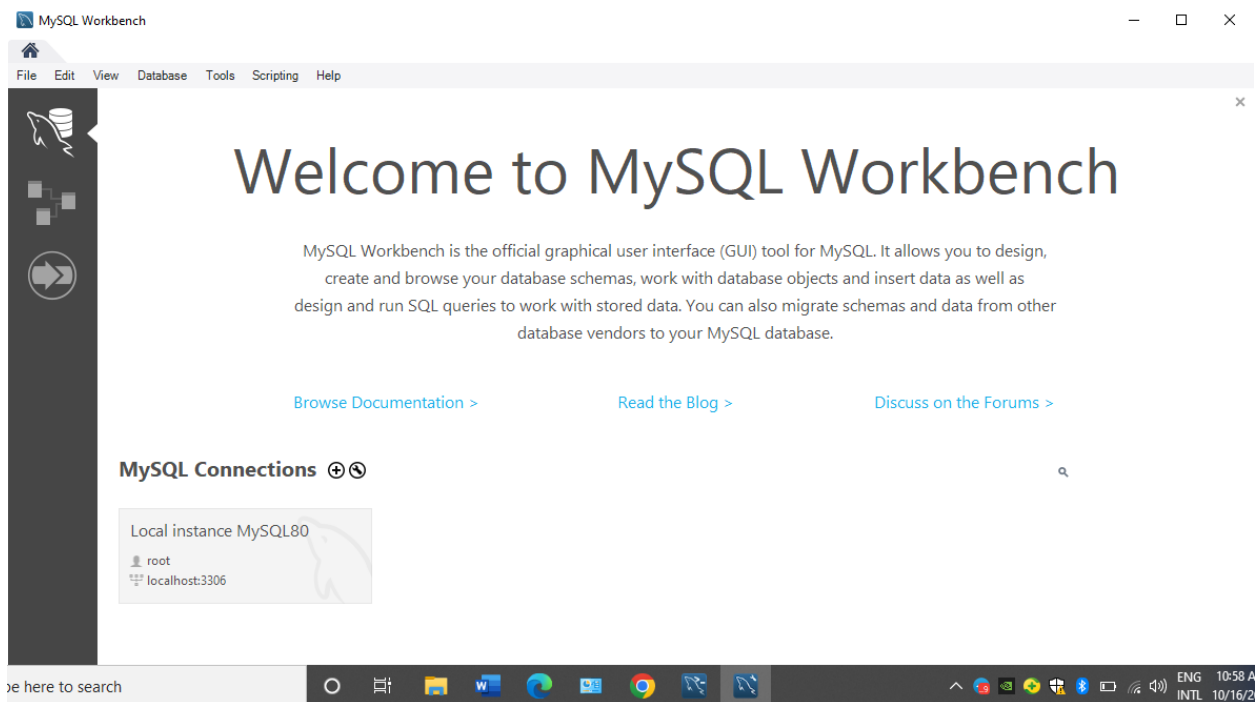


1.24-rasm. “**Installation Complete**” (O‘rnatish tugallandi) deb nomlangan oyna. U MySQLni o‘rnatish jarayoni tugallanganini bildiradi. Undagi “**Finish**” tugmasini bosamiz.

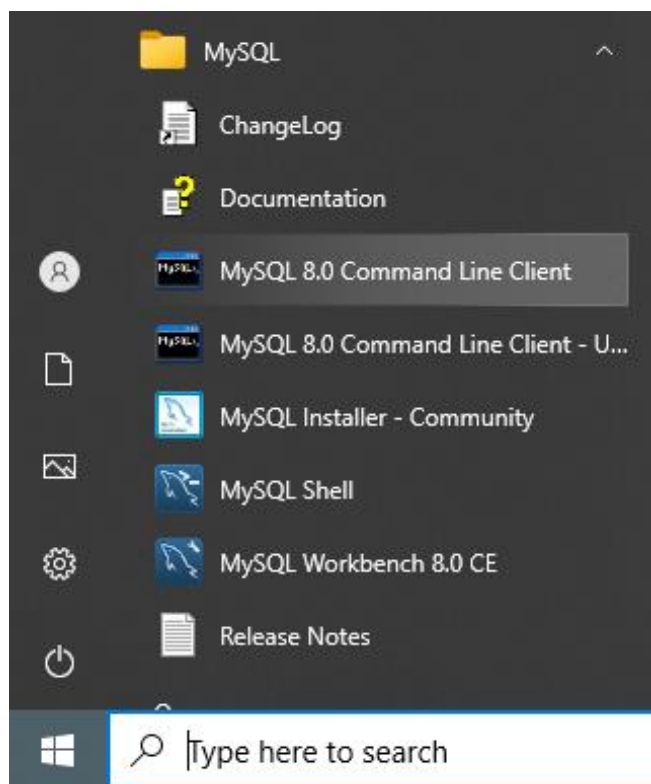




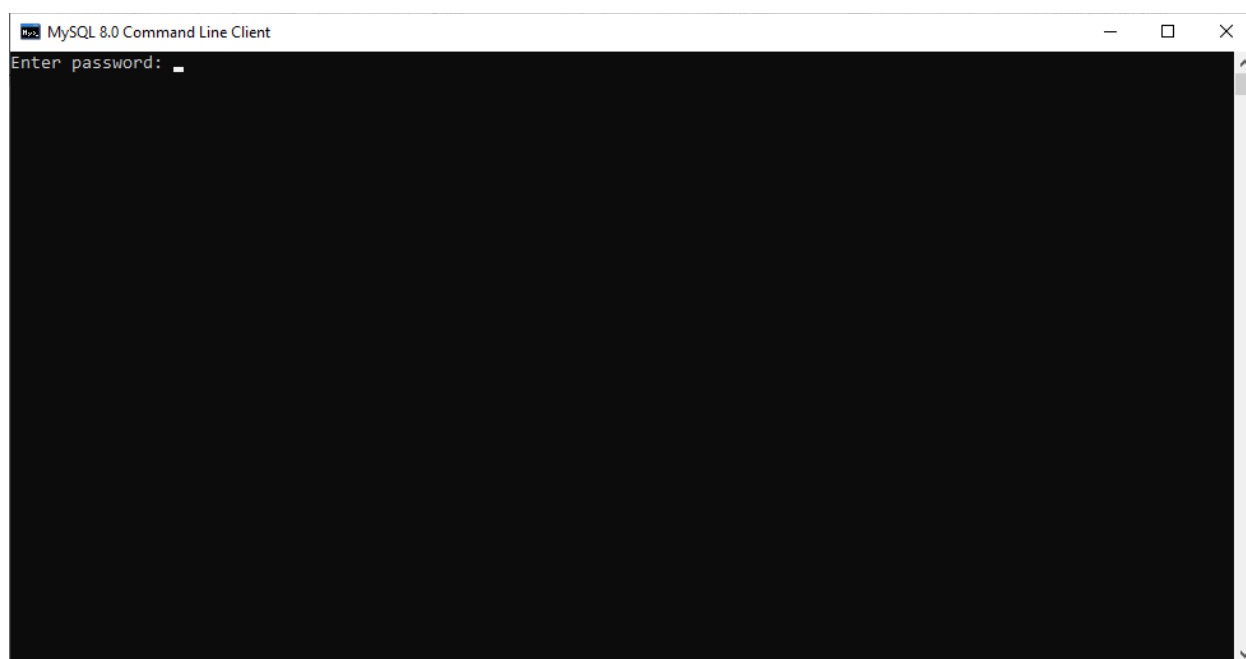
1.25-rasm. “MySQL Shell” oynasi.



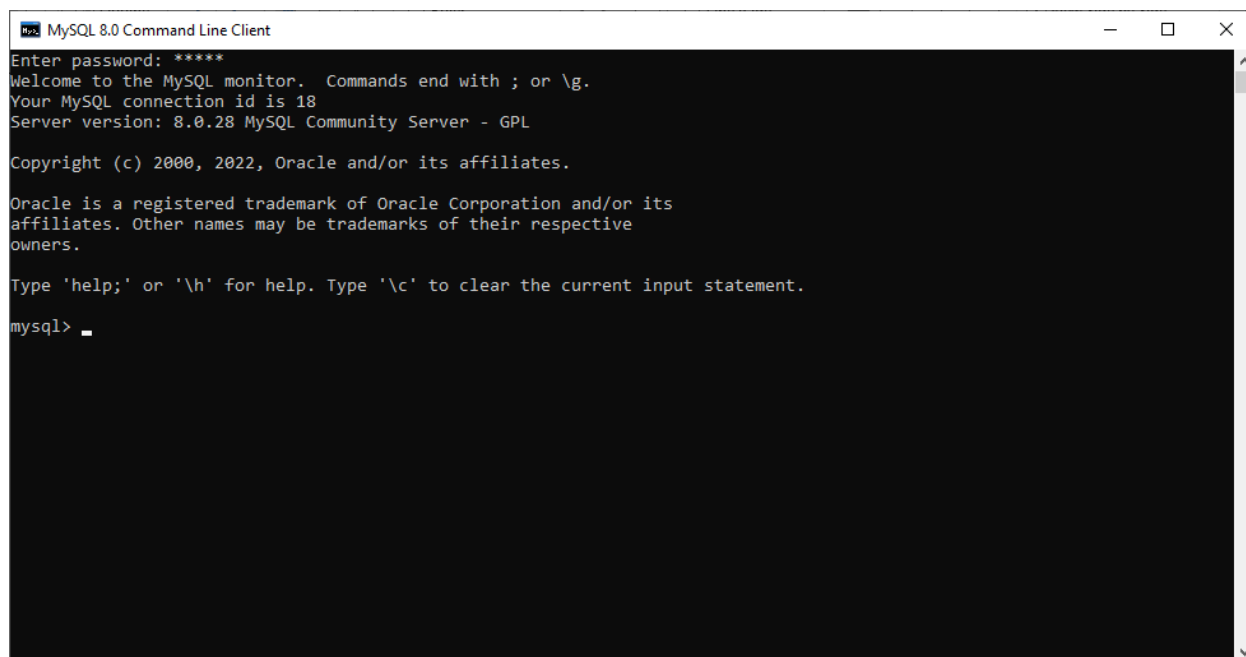
1.26-rasm. MySQL Workbench dasturi dastlabki oynasi. Bu oyna bizga hozircha kerak bo’lmaydi. Shuning uchun uni yopamiz.



1.27-rasm. “**MySQL 8.0 Command Line Client**” deb nomlanuvchi oynani ochib olamiz.



1.28-rasm. “**MySQL 8.0 Command Line Client**” oynasi ochildi. Endi biz parolimizni kiritamiz va Enter tugmasini bosamiz.

A screenshot of a Windows command prompt window titled "MySQL 8.0 Command Line Client". The window has a black background with white text. The text inside the window reads: "Enter password: \*\*\*\*\*", "Welcome to the MySQL monitor. Commands end with ; or \g.", "Your MySQL connection id is 18", "Server version: 8.0.28 MySQL Community Server - GPL", "Copyright (c) 2000, 2022, Oracle and/or its affiliates.", "Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.", "Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.", and "mysql> \_". The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

```
MySQL 8.0 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 18
Server version: 8.0.28 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> _
```

1.29-rasm. “**MySQL 8.0 Command Line Client**” oynasi. Parolimizni kiritib, Enter tugmasini bosdik, endi biz MySQLdan bimalol foydalana olamiz.

