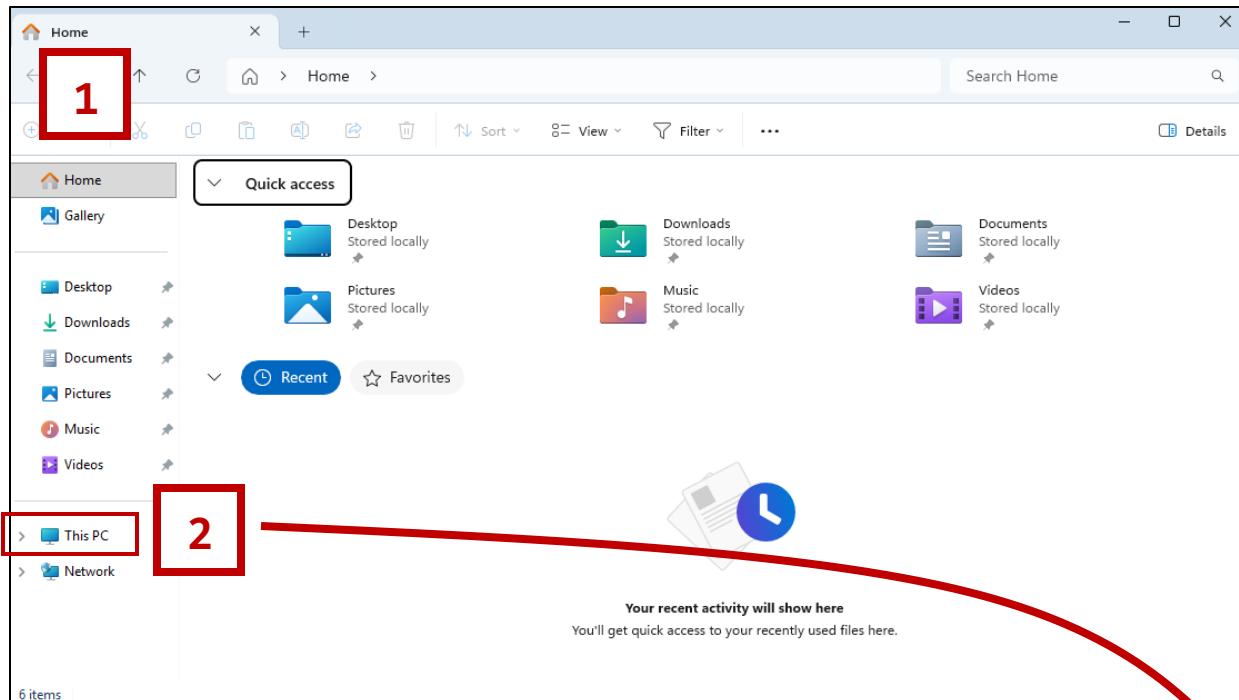


GUIDA SETUP PRE-ESAME

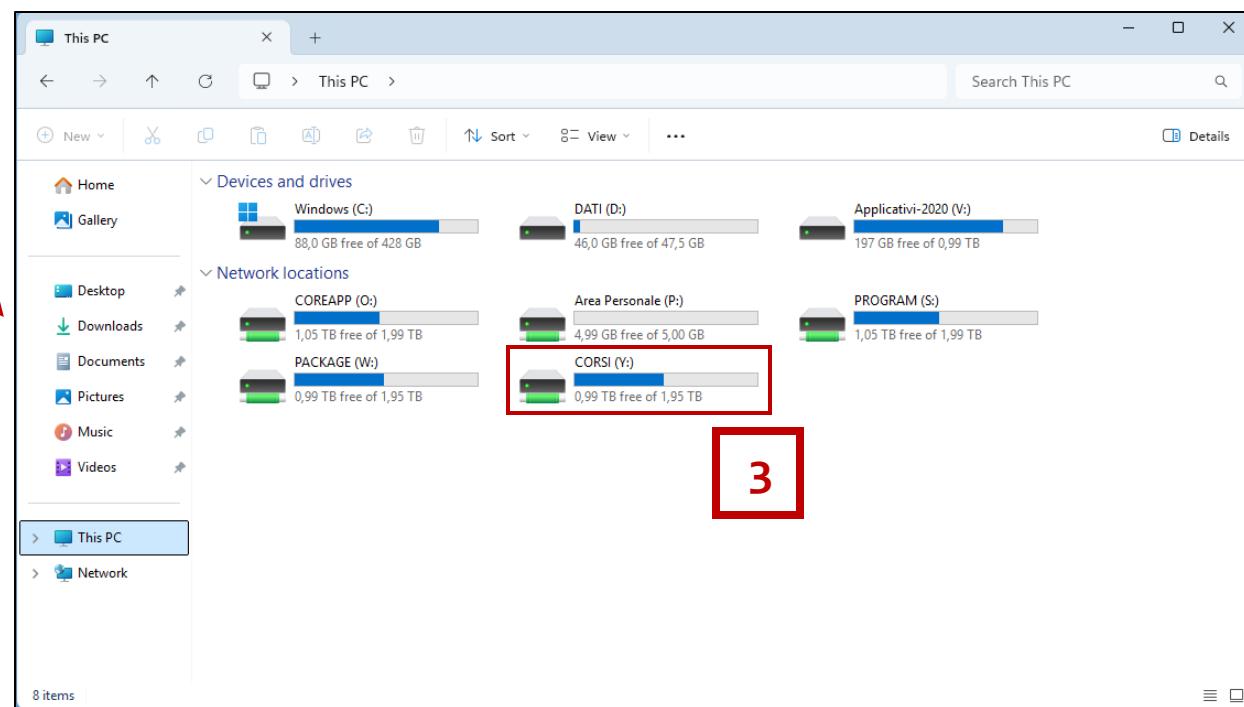
1) Dopo aver effettuato il login, premere i tasti **WIN + E** per fare apparire la scheda seguente



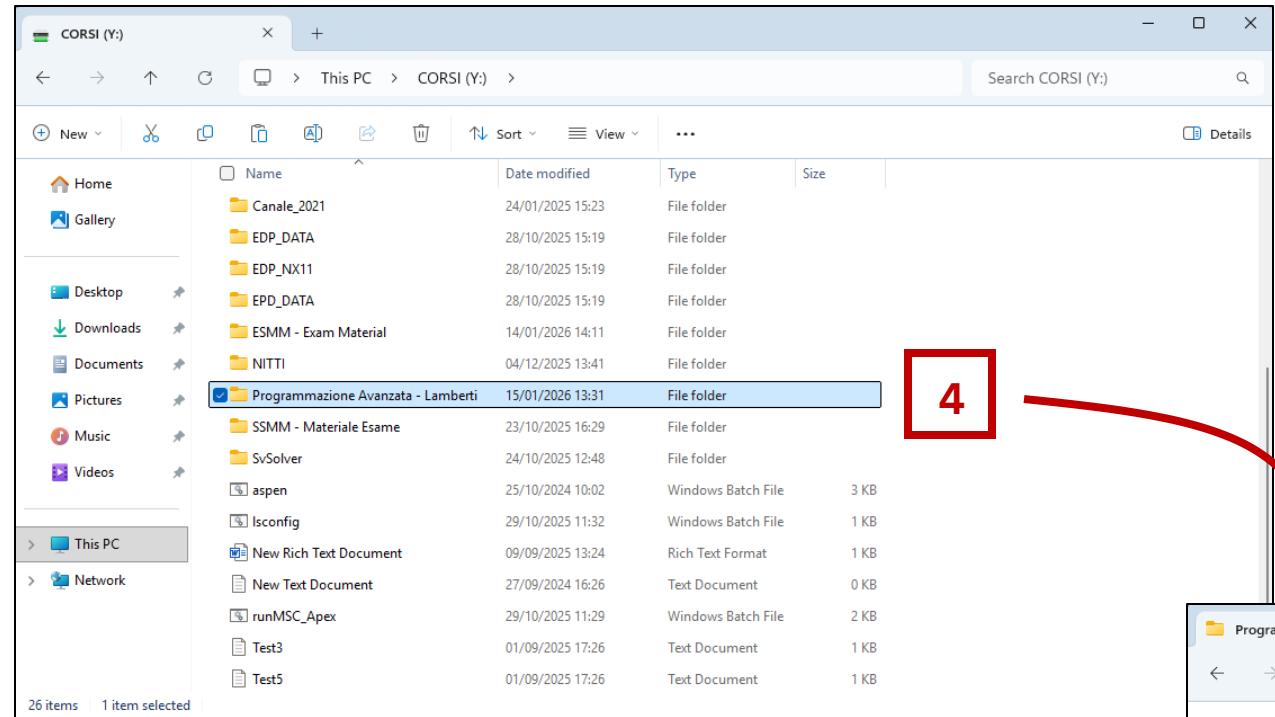
TASTO "WIN" DELLA TASTIERA



2) Cliccare su "**This PC**" per visualizzare la scheda a destra

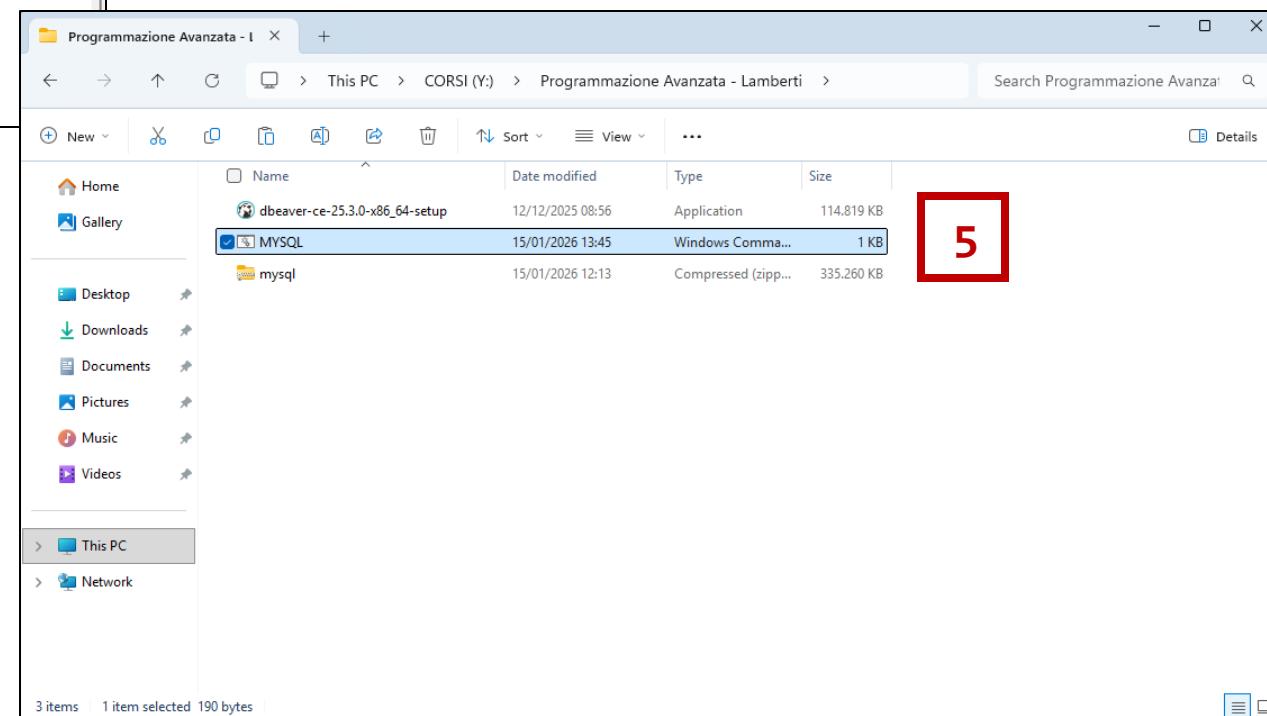


4) Cliccare su "Programmazione Avanzata - Lamberti"



MySQL

5) Cliccare su "MYSQL"

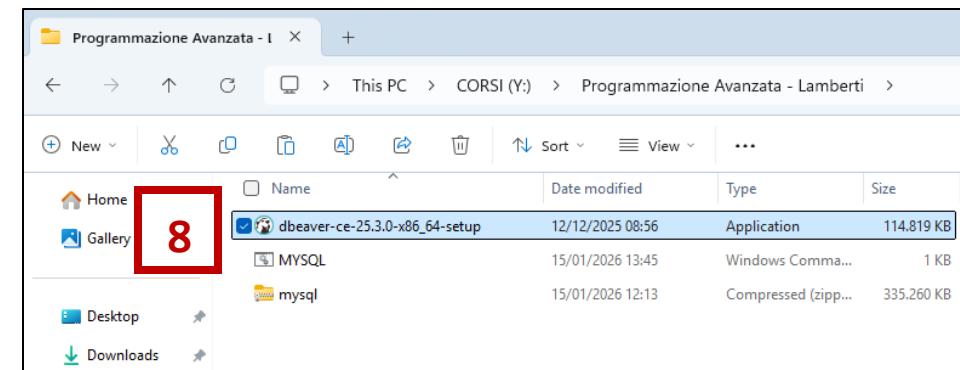


6) Si aprirà la schermata che farà partire il server MySQL

**7) Non appena raggiunge lo stato "ready for connection", MySQL sarà in ascolto alla porta 3309; ridurre a icona la scheda del prompt,
SENZA CHIUDERLA !!!**

DBeaver

8) Cliccare su "dbeaver-ce-25.3.0-x86_64-setup" per far partire l'installazione



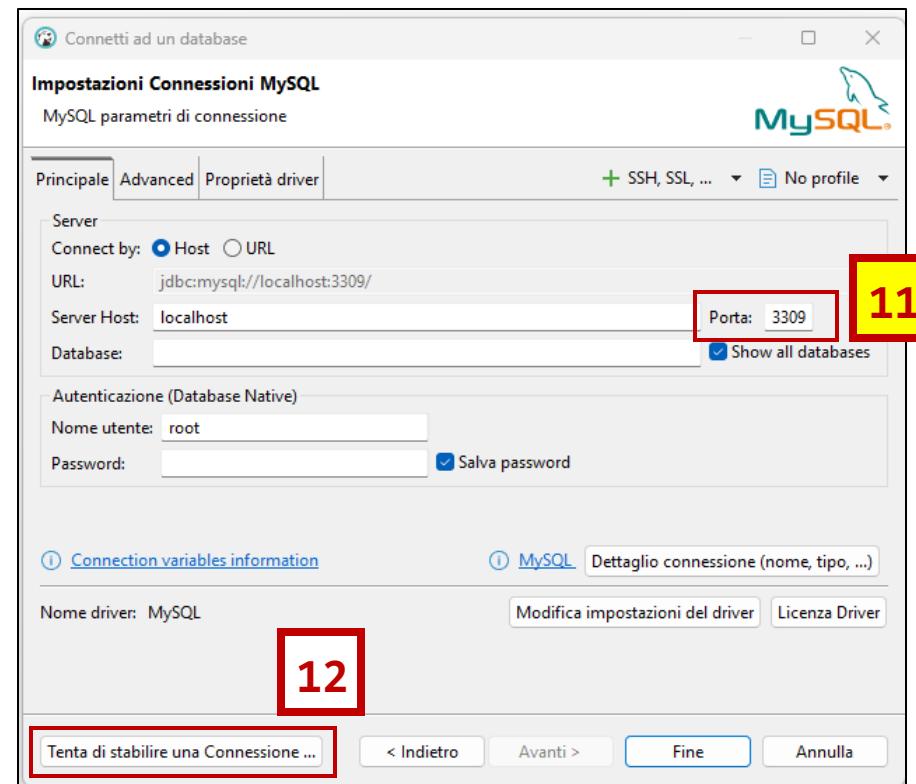
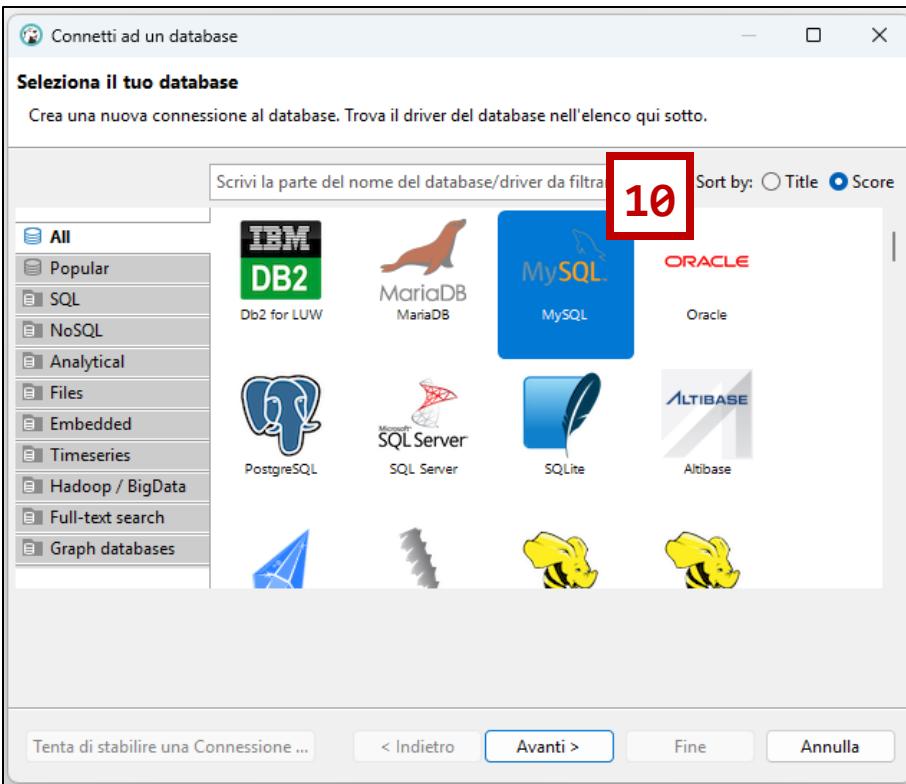
9) Seguire i vari passi per completare l'installazione, mantenendo tutti i settaggi di default

A screenshot of a Command Prompt window titled 'C:\WINDOWS\system32\cmd.exe'. The window has a red box around the number 6 in the top right corner. The command '7z.exe' is used to extract a zip file from drive Y. The output shows the extraction process, including scanning the drive, extracting the archive, and reporting that everything is OK. It also lists folder and file counts, and compressed size. Below this, the MySQL server is started with the command 'mysqld.exe'. The log output shows the server starting, InnoDB initialization, and finally stating it is 'ready for connections'. A red box highlights this final message.

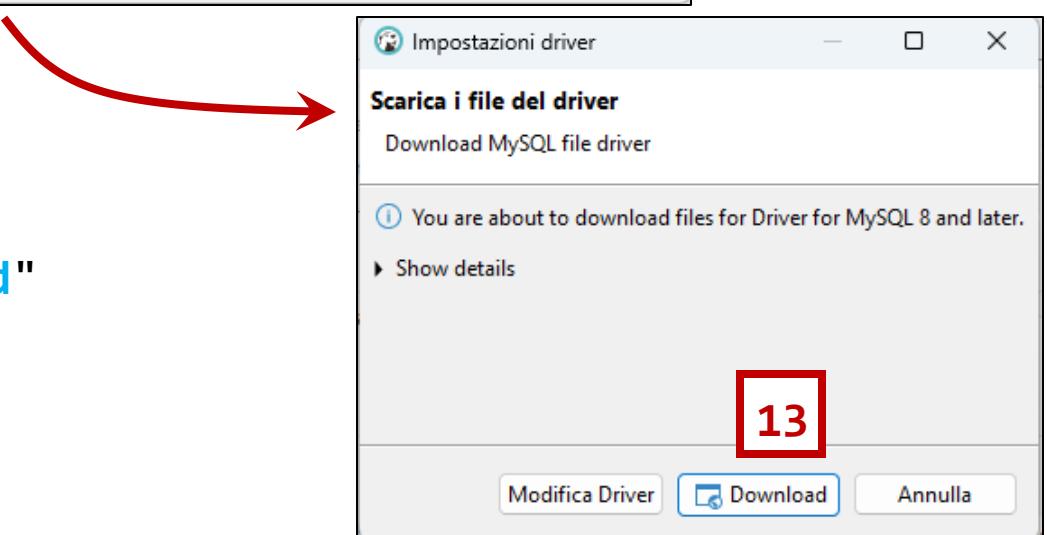
```
C:\WINDOWS\system32\cmd.exe  
Y:\Programmazione Avanzata - Lamberti>d:\  
'd:\' is not recognized as an internal or external command,  
operable program or batch file.  
  
Y:\Programmazione Avanzata - Lamberti>"C:\Program Files\7-Zip\7z.exe" x -o"D:\\" "Y:\Programmazione Avanzata - Lamberti\MySQL.zip"  
7-Zip 22.00 (x64) : Copyright (c) 1999-2022 Igor Pavlov : 2022-06-15  
Scanning the drive for archives:  
1 file, 343305892 bytes (328 MiB)  
  
Extracting archive: Y:\Programmazione Avanzata - Lamberti\mysql.zip  
--  
Path = Y:\Programmazione Avanzata - Lamberti\mysql.zip  
Type = zip  
Physical Size = 343305892  
  
Everything is Ok  
  
Folders: 53  
Files: 556  
Size: 1473408593  
Compressed: 343305892  
  
Y:\Programmazione Avanzata - Lamberti>"D:\MySQL\bin\mysqld.exe" --datadir=D:\MySQL\DATA --secure-file-priv=D:\MySQL\DATA --console  
2026-01-16T09:48:40.890353Z 0 [System] [MY-015015] [Server] MySQL Server - start.  
2026-01-16T09:48:41.091984Z 0 [Warning] [MY-010099] [Server] Insecure configuration for --secure-file-priv: Data directory is accessible through --secure-file-priv. Consider choosing a different directory.  
2026-01-16T09:48:41.092065Z 0 [System] [MY-010116] [Server] D:\MySQL\bin\mysqld.exe (mysqld 8.4.7) starting as process 17980  
2026-01-16T09:48:41.170054Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.  
2026-01-16T09:48:41.902551Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.  
2026-01-16T09:48:42.225423Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self signed.  
2026-01-16T09:48:42.225588Z 0 [System] [MY-013602] [Server] Channel mysql_main configured to support TLS. Encrypted connections are now supported for this channel.  
2026-01-16T09:48:42.276498Z 0 [System] [MY-011323] [Server] X Plugin ready for connections. Bind-address: '::' port: 33060  
2026-01-16T09:48:42.276638Z 0 [System] [MY-010931] [Server] D:\MySQL\bin\mysqld.exe: ready for connections. Version: '8.4.7' socket: '' port: 3309 MySQL Community Server - GPL.
```

7

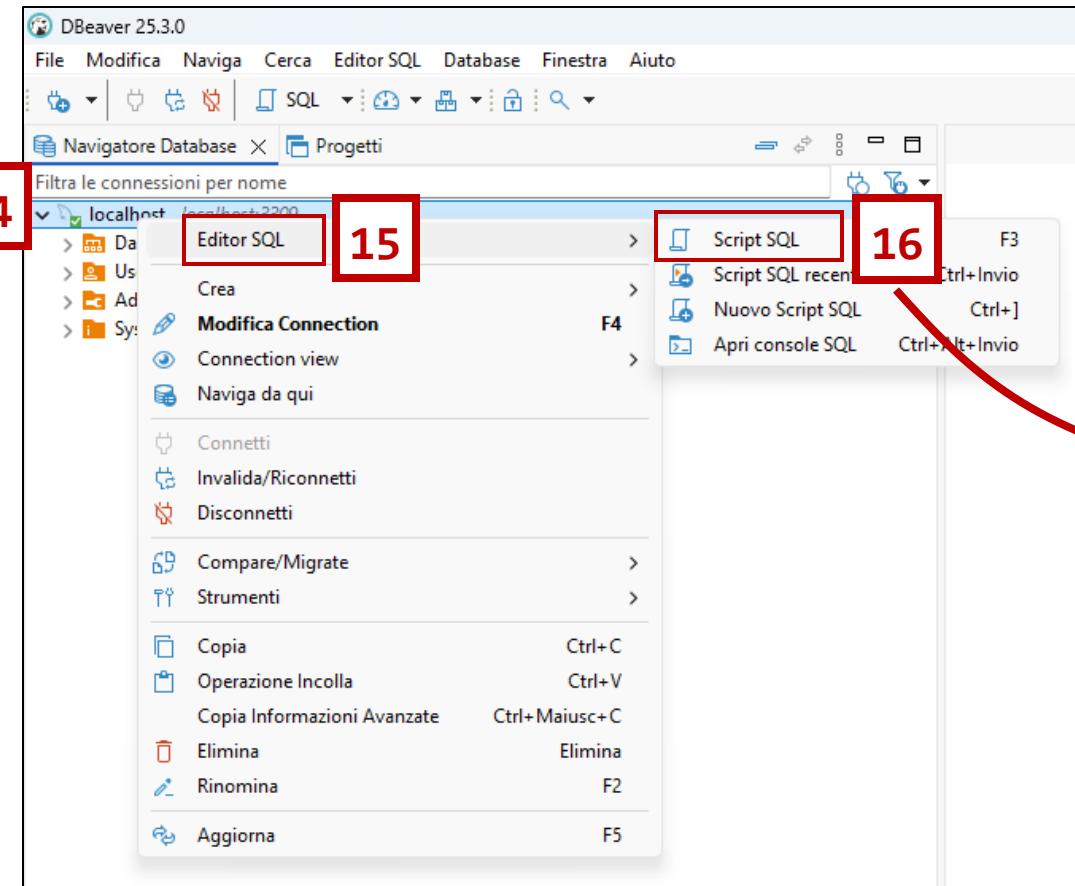
10) Creare una nuova connessione a MySQL in DBeaver



- 11) **IMPORTANTE!!!** Cambiare la porta, da 3306 a **3309**
- 12) Cliccare su "**Tenta di stabilire una Connessione**"
- 13) Scaricare i driver richiesti cliccando su "**Download**"



- 14) Per importare il database fornito per l'esame, selezionare **tasto destro** su "localhost"
- 15) Cliccare quindi su "**Editor SQL**"
- 16) Cliccare poi su "**Script SQL**"



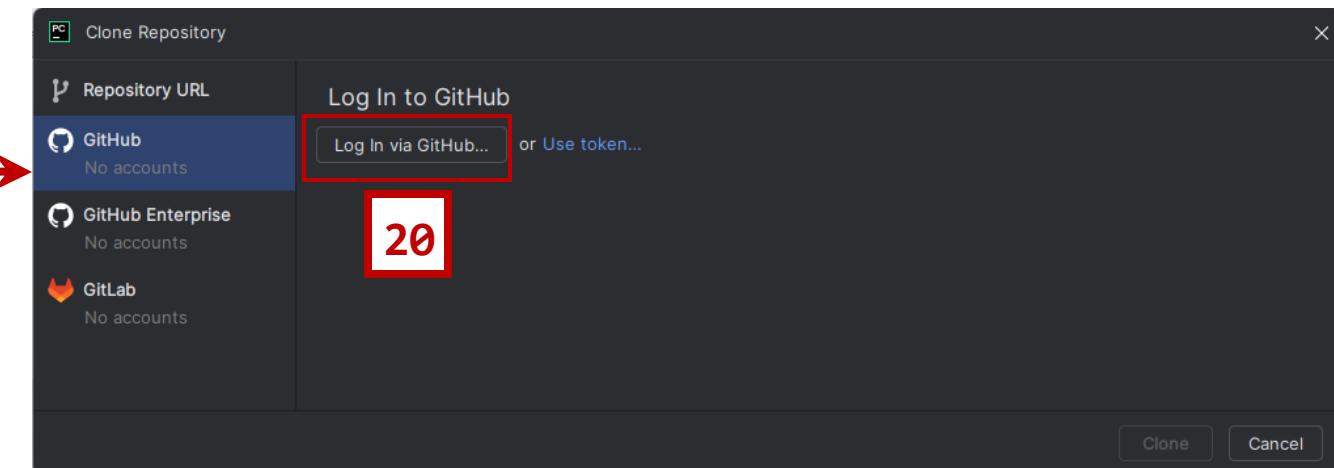
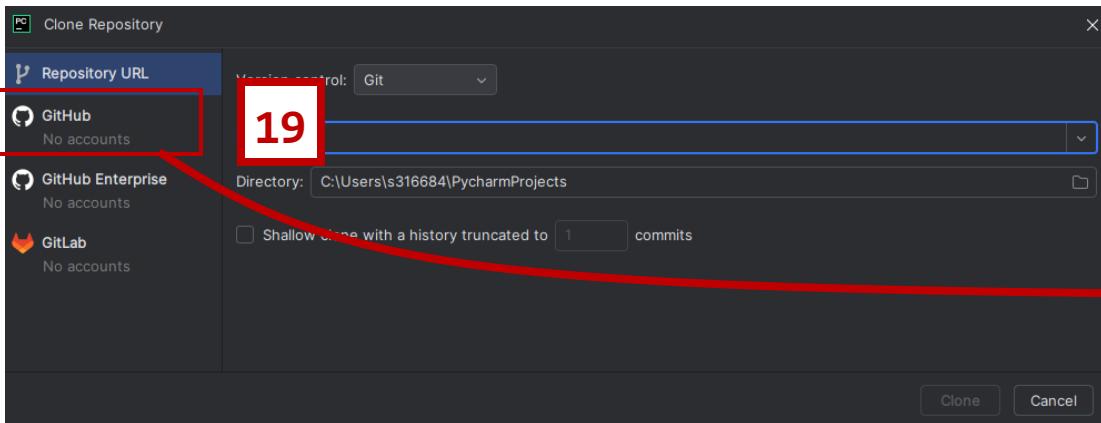
A screenshot of the DBeaver 25.3.0 interface showing the 'Script' tab. The top menu bar includes File, Modifica, Naviga, Cerca, Editor SQL, Database, Finestra, and Aiuto. The 'localhost' connection is selected. The main area displays a list of tuples from a 'stack' table. At the bottom of the screen, there is a 'Files - General' panel with sections for Name, Bookmarks, Dashboards, Diagrams, and Scripts. On the right side, there is a status bar with 'CET | it | Scrivibile' and 'Inserimento intelligente | 9348: 1: 479'. A red box labeled '17' is placed over the status bar. A red box labeled '18' is placed over the 'Esegui Script SQL' button in the bottom right corner of the main window.

```
INSERT INTO `stack` (store_id,product_id,quantity) VALUES  
(3,249,6),  
(3,250,16),  
(3,251,10),  
(3,252,27),  
(3,253,15),  
(3,254,4),  
(3,255,17),  
(3,256,1),  
(3,257,25),  
(3,258,10),  
(3,259,0),  
(3,260,5),  
(3,261,24),  
(3,262,29),  
(3,263,21),  
(3,264,7),  
(3,265,22),  
(3,266,18),  
(3,267,12),  
(3,268,17),  
(3,269,26),  
(3,270,6),  
(3,271,23),  
(3,272,12),  
(3,273,19),  
(3,274,7);  
(3,275,23),  
(3,276,14),  
(3,277,26),  
(3,278,15),  
(3,279,15),  
(3,280,1),  
(3,281,2),  
(3,282,18),  
(3,283,1),  
(3,284,26),  
(3,285,2),  
(3,286,7),  
(3,287,26),  
(3,288,2),  
(3,289,2),  
(3,290,6),  
(3,291,18),  
(3,292,16),  
(3,293,14),  
(3,294,13),  
(3,295,9),  
(3,296,12),  
(3,297,22),  
(3,298,14),  
(3,299,29),  
(3,300,3),  
(3,301,29),  
(3,302,6),  
(3,303,13),  
(3,304,23),  
(3,305,11),  
(3,306,7),
```

- 17) Incollare il contenuto dello script .sql fornito per l'esame
- 18) Cliccare su "**Esegui Script SQL**"

GitHub

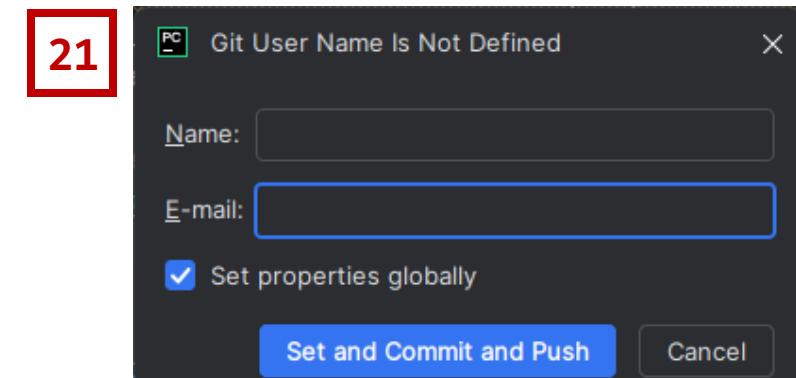
- 19) Prima di clonare il progetto, effettuare il login a GitHub cliccando su "[GitHub](#)"
- 20) Cliccare su "[Log in via GitHub ...](#)"



- 21) **NOTA BENE:** La prima volta che verrà effettuato un **commit + push** del progetto apparirà la finestra "Git User Name Is Not Defined". Inserire le proprie credenziali di GitHub (GitHub Username ed email associata all'account GitHub).

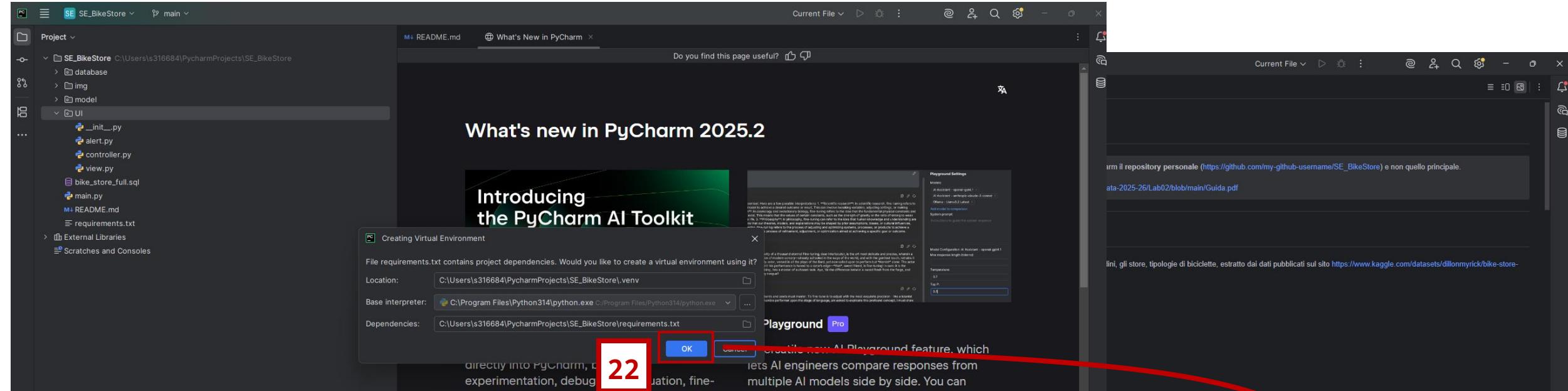
Si consiglia di effettuare un primo **commit + push** di prova
PRIMA DI INIZIARE LA PROVA, per assicurarsi che sia tutto funzionante.

L'UNICO ALTRO **commit + push** DOVRA' ESSERE EFFETTUATO CON IL
DOCENTE AL TERMINE DELL'ESAME PER CONSEGNARE QUANTO REALIZZATO

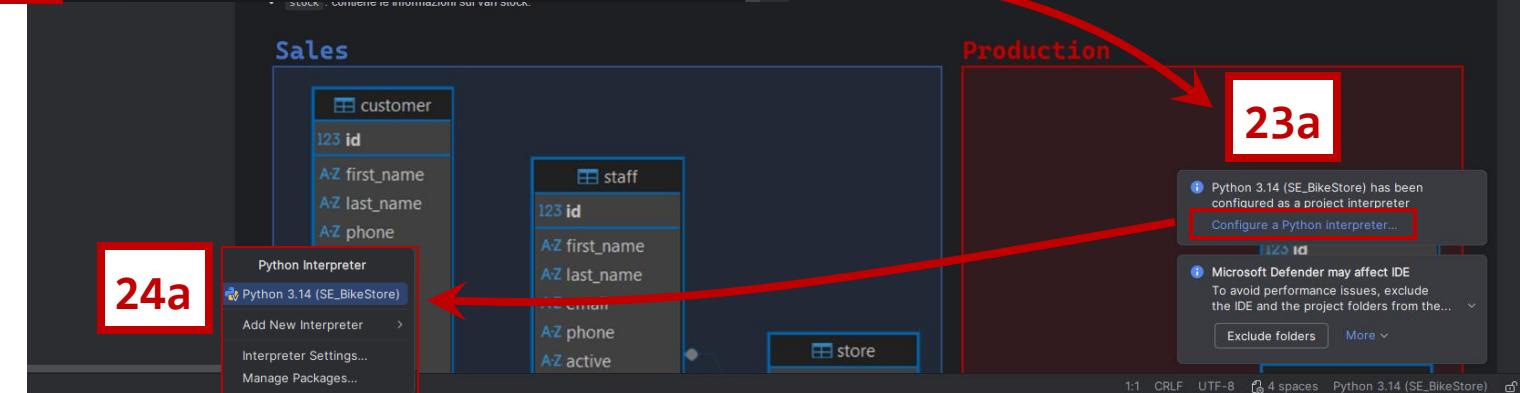


Interprete Python

22) Dopo aver clonato correttamente il progetto su PyCharm, verrà automaticamente richiesto di creare un **Virtual Environment** con tutti i requirements necessari; selezionare "OK"

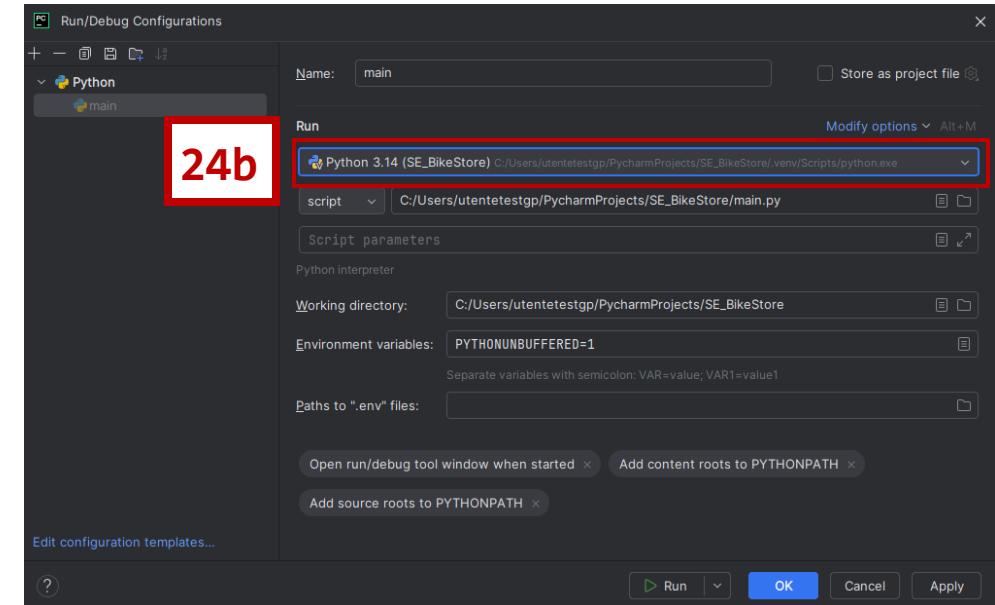


23a) Apparirà un primo pop-up in basso a destra dello schermo
Cliccare su "**Configurare un Interprete Python**"
Se il pop-up non dovesse apparire andare al punto 23b



24a) Apparirà un secondo pop-up in basso: cliccare su "**Python 3.14 (REPOSITORY_NAME)**"

23b) Come alternativa si può impostare l'interprete tramite tutti gli altri modi già visti durante il corso (**Settings->Python->Interprete** oppure qualora apparisse una schermata simile alla seguente dopo aver eseguito il **main.py**)

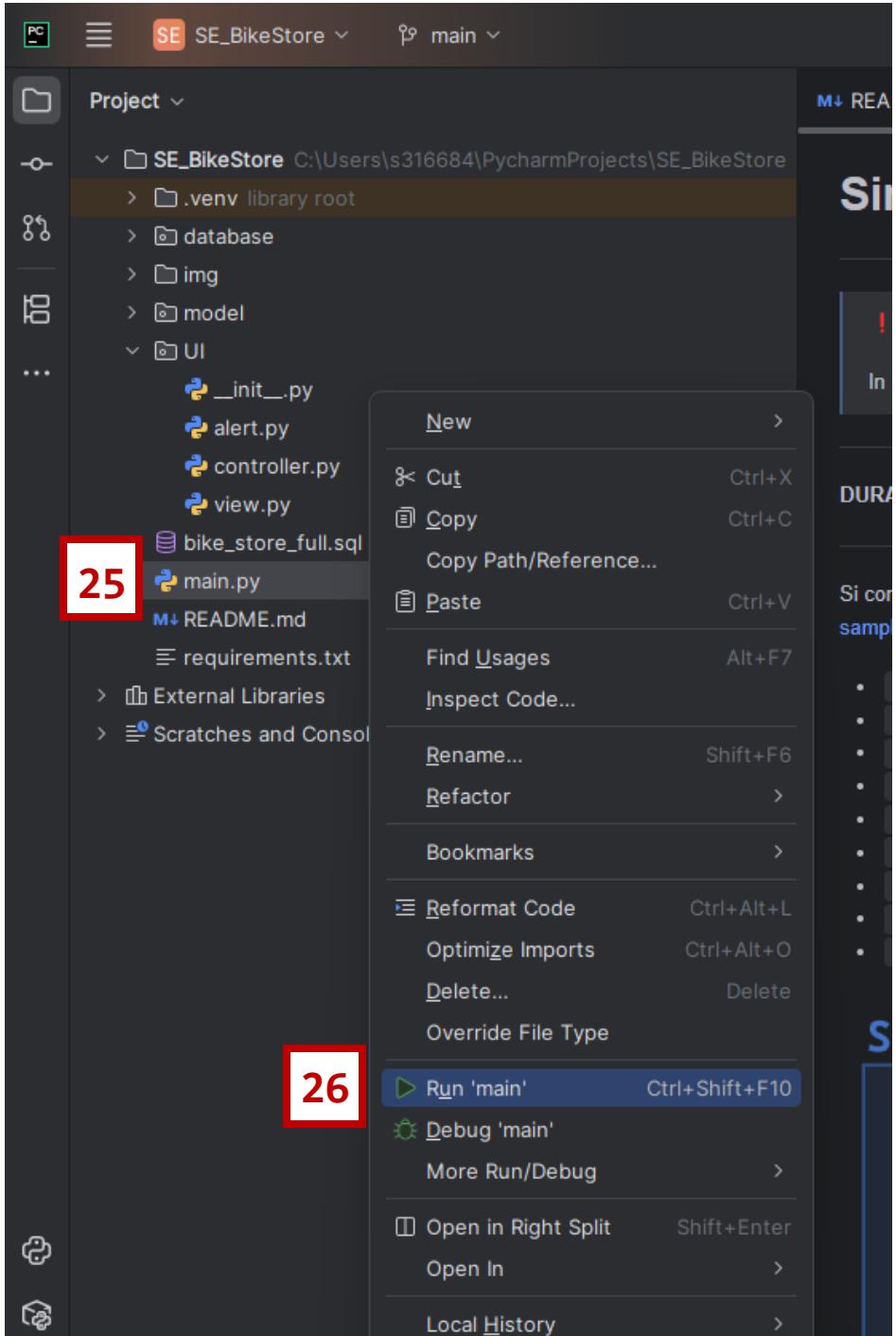


24b

24b) L'interprete da scegliere deve essere sempre "**Python 3.14 (REPOSITORY_NAME)**"

25) Per eseguire il progetto, selezionare il file **main.py** con il **testo destro del mouse**

26) Quindi cliccare su "**Run 'main'**"



25

26

LINK ACCESSIBILI DURANTE L'ESAME

PYTHON

- <https://docs.python.org/>

PYCHARM

- <https://www.jetbrains.com/help/pycharm/getting-started.html>

DBeaver

- <https://dbeaver.com/docs/dbeaver/>

FLET

- <https://docs.flet.dev/api-reference/>

MYSQL-CONNECTOR-PYTHON

- <https://pypi.org/project/mysql-connector-python/>
- <https://dev.mysql.com/doc/connector-python/en/>

NETWORKX

- <https://networkx.org/documentation/stable/reference/index.html>