Outline

- Creating your Bitbucket account

- Clone the Lab Repository

- Commit your source back to Bitbucket

- MySQL Server and Workbench Installation

Bitbucket

- A web-based hosting service for projects that use Git revision control systems.

- written in Python using the Django web framework

- Open the following link using your browser: https://bitbucket.org/

- User name: U###### (replace ###### with your Student ID)

- Repository: https://bitbucket.org/U777771/db2021/src/master/

Clone the Lab Repository

- Create a directory named «db-workspace» in your home folder
- In the workspace folder enter the following command, but replace username with your actual user
  - git clone https://U######@bitbucket.org/U######/dblab2021.git
- A folder named "dblab2021" will be created after executing the command.
- If you are using a machine running windows OS you can install git from https://git-for-windows.github.io/

Committing your source back to Bitbucket

- Open your browser and go to http://eng1.mu.edu.tr/~eturk09/DB/week1/
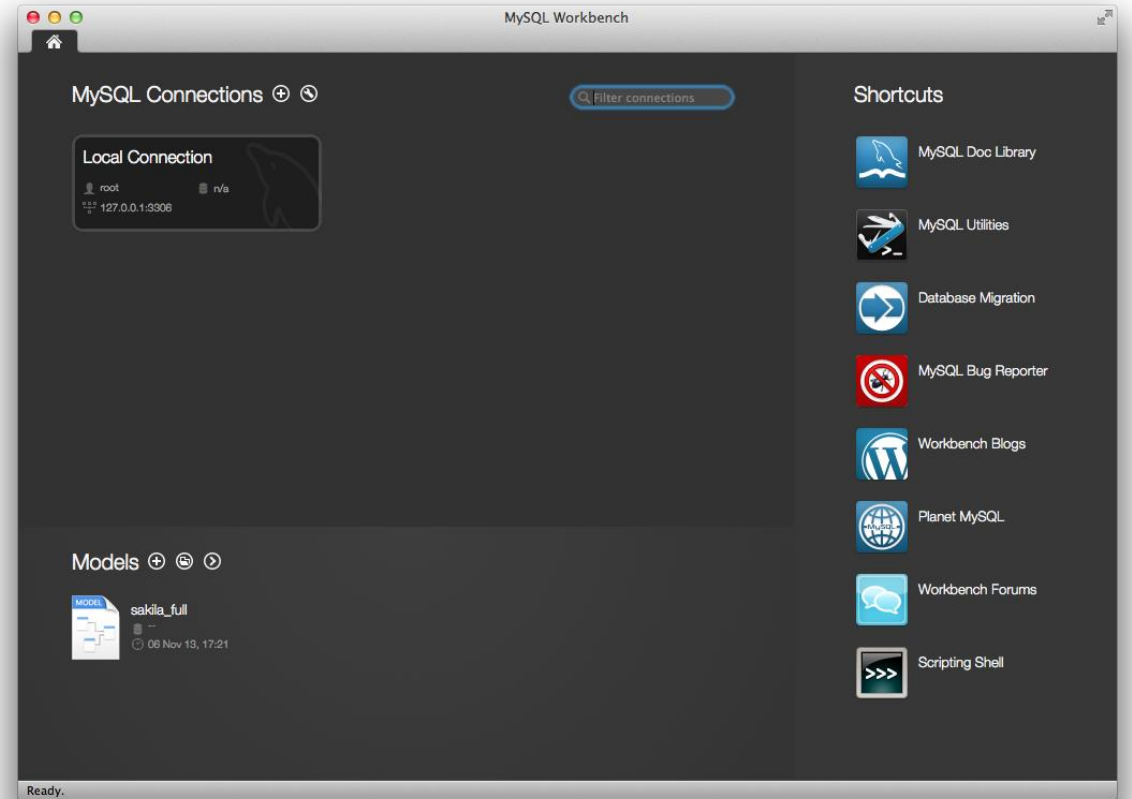
- Download MySQL_startup.docx and put it under the lab repository folder

- Execute the following commands in the given order (use your own email & Bitbucket user name U#####)
  - git add MySQL_startup.docx
  - git config --global user.email "erdemturk48@gmail.com"
  - git config --global user.name "erdemturk"
  - git commit -m "Initial commit"
  - git push -u origin master
  - Enter your password

- An open-source relational database management system (RDMS)
  - combination of "My", the name of co-founder Michael Widenius' daughter and "SQL", the abbreviation for Structured Query Language
  - written in C/C++

- Wide range of customers
  - Applications: Joomla, Wordpress, Drupal …
  - Websites: Facebook, Twitter, Youtube …
  - Healthcare: The Institute for Genomic Research (The J. Craig Venter Institute)

MySQL Workbench

- A visual database design tool that integrates
  - SQL development and administration
  - Database design, creation and maintenance into a single integrated development environment for the MySQL database system.

How to install MySQL on my PC?

- Download MySQL Installer from https://dev.mysql.com/downloads/installer/ OR http://eng1.mu.edu.tr/~eturk09/DB/

- Follow the instructions on MySQL_startup.docx