SQL Commands – Tasks Database

mysql -u admin -p -h tasksdb.czkknpeszt2k.eu-west-2.rds.amazonaws.com

CREATE DATABASE Tasks;

USE Tasks;

CREATE TABLE User ( userID int NOT NULL AUTO\_INCREMENT, username varchar(255), PRIMARY KEY (userID) );

SHOW TABLES;

SELECT \* FROM User;

INSERT INTO User VALUES ( 1, "Susan Smith");

INSERT INTO User VALUES ( 2, "Geoff Jones");

SELECT \* FROM User;

CREATE TABLE Tasks ( taskID int NOT NULL AUTO\_INCREMENT, description varchar(255) NOT NULL, completed BOOLEAN, userID int NOT NULL, PRIMARY KEY (taskID), FOREIGN KEY (userID) REFERENCES User (userID) );

SHOW TABLES;

SELECT \* FROM Tasks;

INSERT INTO Tasks ( taskID, description, completed, userID) VALUES ( 1, "Learn JavaScript", 0 , 2 );

INSERT INTO Tasks ( taskID, description, completed, userID) VALUES ( 2, "Learn MySQL", 0, 2 );

INSERT INTO Tasks ( taskID, description, completed, userID) VALUES (3, "Learn NodeJS", 0, 1);

SELECT userID, description FROM Tasks;

SELECT description FROM Tasks

WHERE userID = 2;

SELECT description FROM Tasks

WHERE userID = 1;

UPDATE Tasks

SET completed = 1

WHERE taskID = 1;

SELECT description FROM Tasks

WHERE userID = 2;

SELECT description FROM Tasks

WHERE completed = 0;