

Career Services Assignment 6 – SQL Flash Cards

Points possible: 50

Category	Criteria	% of Grade
Completeness	All requirements of the assignment are complete.	100

Instructions: Research common SQL interview questions online and create 20 flash cards from the information you find. Study your flash cards regularly to better prepare for interviews. Fill out the table below with the information you put on each of your flash cards.

Front of Card	Back of Card
What is MySQL?	MySQL is a database management system for web servers. Most websites are powered by MySQL.
What are some advantages of using MySQL?	Flexibility(runs on all operating systems), Power(focus on performance), Enterprise-Level SQL Features(subqueries, views, stored procedures), Full-Text Indexing and Searching, Query Caching, Replication(MySQL server can be duplicated on another), Configuration and Security.
What do you mean by databases?	Database is a structured collection of data stored in a computer system and organized in a way to be quickly searched. So with databases, information can be quickly retrieved.
What does SQL in MySQL stand for?	Structured Query Language
What does a MySQL database contain?	One or more tables each containing a records of rows with various columns or fields that contain data itself.
How can you interact with MySQL?	Command Line, web interface, a programming language.
What are MySQL database Queries	A query is a specific request or a question. One can query a database for specific information and have a record returned.
What are some common MySQL commands?	UPDATE, INSERT, DELETE, CREATE, RENAME, DROP, DESCRIBE
How do you create a database in MySQL?	CREATE DATABASE products;
How do you create a table using MySQL?	CREATE TABLE recipe recipe_name VARCHAR(128), prep_time TIME, cook_time TIME
How do you Insert Data into MySQL?	INSERT INTO project_category (project_id, category_id) VALUES (1,2);

How do you remove a column from a database?	ALTER TABLE classics DROP pages;
How to create an Index in MySQL?	ALTER TABLE recipe ADD INDEX(prepare_time(10)); ALTER TABLE recipe ADD INDEX(cook_time(5)); ALTER TABLE recipe ADD INDEX(recipe_name); DESCRIBE recipe;
How to Delete Data from MySQL Table?	DELETE FROM table_name WHERE column_name = value_name;
How do you view a database in MySQL?	mysql> SHOW DATABASES;
What are the Numeric Data Types in MySQL?	TINYINT, SMALLINT, MEDIUMINT, INT, BIGINT, DECIMAL, FLOAT, DOUBLE, BIT
What are the String Data Types in MySQL?	CHAR, VARCHAR, BINARY, VARBINARY, TINYBLOB, BLOB, MEDIUMBLOB, LONGBLOB, TINYTEXT, TEXT, MEDIUMTEXT, LONGTEXT, ENUM, SET, NULL
What are the Temporal Data Types in MySQL?	DATE, TIME, DATETIME, TIMESTAMP, YEAR
What is BLOB in MySQL?	BLOB is an acronym that stands for Binary Large Object. It is used to hold a variable amount of data.
How to add users in MySQL?	CREATE USER 'testuser' IDENTIFIED BY 'sample password';