Career Services Assignment 6 – SQL Flash Cards

Front of Card	Back of Card
What is a JOIN	Joins retrieve data from multiple tables based on a set of common columns
What are the different types of JOINS	INNER, LEFT, RIGHT, FULL
Difference between DELETE,DROP,TRUNCATE table	Delete is A DML statement to remove specified row. DROP and Truncate are DDL statements that remove the table or all the rows
What is DML, DDL?	DML – Data Manipulation Language, DDL – Data Definition Language.
Waht is the difference between the InnoDB and myISAM engines.	InnoDB stores the tables in a tablespace, myISAM stores each table in a file.
How to create a database?	Create database db_name;
How to create a table?	Create table table_name (columns column_datatype, … , constraints)
How to create an index on a table?	ALTER table table_name ADD INDEX column
How to create a user?	CREATE USER username IDENTIFIED BY password
WHAT is ACID	Atomic , Consistent, Isolation, Durability
What is the difference between float and double?	Float is stored as 4 bytes with 8 decimal places of precision Double is stored as 8 bytes with 18 decimal points of precision
The CHAR data type provides what assurances concerning its storage	Character data is declared as a fixed width of bytes and right padded with spaces
Waht is mysqldump?	mysqldump copies up tables and databases. As either a raw data fiel or a set of INSERT statements that recreate the records

How do you create a Stored Procedure?	CREATE PROCEDURE procedure-Name
	 BEGIN
	   sql statements
	 END;

What is the difference between a database and a table?	A database is a collection of tables and database A table is a collection of columns and rows used to store data.
Insert data into the samples table	INSET INTO samples (field1, field2..fieldN) values(val1,val2...valN);

Update data in the sample tables	UPDATE samples field1=val1,field2=val2… [WHERE clause];
Create a Foreign Key	CONSTRAINT constraint_name\ FOREIGN KEY [foreign key name] (column+_name ,…), REFERENCES parent_tbl_name (col_name,...)
What is the default date format? Can date be entered in a different format? how/	YYYY-MM-DD. Yes by using the STR_TO_DATE function with a format
What do _ and % do in a LIKE clause	% represents zero, one orr multiple characters _ represents a single character