

Lab Documentation and Preparation

In this lab, we will work with a POKEMON table. Before you begin, please download the Pokemon Refresh Script that is included with this assignment's link. You can also download the Lab 2 working file, which has your query questions in it. Review the field names and datatypes as documented, below:

POKEMON *pokemonID pokemonDexNo pokemonName pokemonWeight pokemonHeight pokemonMaleRatio pokemonFemaleRatio pokemonIsFirstGen pokemonCaughtDate
--

Pokemon Table Design Chart

Fields	Data Types	Constraints
pokemonID	INT	PRIMARY KEY
pokemonDexNo	CHAR(3)	NOT NULL
pokemonName	VARCHAR(30)	NOT NULL
pokemonWeight	DECIMAL(4,1)	
pokemonHeight	DECIMAL(3,1)	
pokemonMaleRatio	DECIMAL(5,2)	
pokemonFemaleRatio	DECIMAL(5,2)	
pokemonIsFirstGen	BIT	
pokemonCaughtDate	DATE	

Lab Questions

Your working file has the following 6 questions in it. Your task is to code the SELECT queries that correctly answer each question. Place each SELECT query in the file underneath its corresponding question. Execute the queries and test your results. NOTE: A correct output file is included with the lab link so you can check your results against solution results.

1. Show all of the details about first generation Pokémon that have a 100% male ratio.
2. How many Pokémon have 'eo' in their name?
3. What is the average female ratio of Pokémon that have Pokédex values ranging from 001 – 199?
4. Show each Pokémon name formatted as follows: *PokedexNo - Name* (i.e. 236 - Tyrogue). Order the output by Pokémon name.
5. Show all of the details about the heaviest Pokemon in our database. NOTE: do not hard-code the weight value.
6. Which Pokémon were caught on a Sunday?

[Lab Submission Information](#)

Rename your working file to YourName_Lab2. Upload it to BlackBoard using the Lab 2 link.