

Homework 07.01.2018

1. Build upon the Song class from your Christmas project. Create a database with a table Songs. Use sqlite3 or SQLAlchemy ORM, or do it both ways.

2. Generate a list_x with the integers from 1 to 100 and list_y with 100 random values in an arbitrary range chosen by you. Draw a line chart using the two lists. Change style, add title axis labels and a title. Save the whole thing to a file.

Bonus: *This might be one of your final exam challenges.* Create a function which takes as an argument a string and checks whether the string is a palindrome. A palindrome is a word, phrase, number, or other sequence of characters which reads the same backward as forward, such as "madam" or "racecar".