

Final Project

College of DuPage

Course Title:
Intro to Python

Academic Semester:
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Part 1: Choosing Your Datatypes

What type of items do you want to store in this database? **Choose a simple class of items (data) that you would like to store in your database.** Hint: think of improper nouns, i.e., types of people, places, and things. For example, when explaining this assignment I will be describing a database of NFL Players.

For this specific type of data, choose **3 important attributes that are common across all specific instances of this data.** For each attribute, consider which basic Python datatype is best for storing that attribute. Also, consider whether there will be any obvious illegal values for this datatype.

Deliverable:

Turn in a **plain text (.txt)** file with a written description of

- The class of objects you would like to store in your database;
- The three attributes (and their datatypes) that you would like to store for each entry;
- The illegal values for each attribute (if any). Include your full name in the filename.

Example:

For my NFL player database, I might turn in a file named `TylerChang_CIS2531_Project_Pt1.txt`. It would contain the following content:

I will build a database of NFL players.

For each player in my database, I will store their name (string), position(string), and years in the league (int).

There are no obvious illegal values for name.

For the position, legal values should be on of the following:

QB, HB, FB, WR, TE, C, OG, OT, DT, DE, MLB, OLB, CB, S, K, P, LS, H, KR, or PR.

The number of years in the league cannot be a negative number.

You may discuss the project with your classmates, but you may **not** share code. Each student must complete their own individual project, and all code must be written by the student. Honor code violations will be handled in accordance with COD policy.