

# Final Project

College of DuPage

Course Title:  
Intro to Python

Academic Semester:  
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## Part 2: Getting Input from User

Write a Python program that reads the 3 attributes you chose in Part 1 as input from the user. Each attribute should be read inside an input validation loop, which checks that the input is valid. Make sure that you store each of these 3 attributes in a separate variable.

Next, print the values of all 3 attributes in a sequence of 3 nicely formatted print statement. (Hint: use fstrings or concatenate with the “+” operator).

For 5 pts extra credit, make all numeric type-casting statements safe, by placing them inside `try-except` blocks.

### Deliverable:

Turn in a Python file, which includes your name in the filename, and implements the above functionality. Also, turn in a `.txt` file with the same name, but ending with `_test.txt` instead of `.py`, which shows what happens when you run your program (copy-paste your output from IDLE or the command line). Do your best to test as much functionality as you can in one run.

### Example:

For my NFL Player database example from Part 1, I might submit

- `TylerChang_CIS2531_Project_Pt2.py` contains my Python code; and
- `TylerChang_CIS2531_Project_Pt2_test.txt` contains the following output:

```
>>> python3 TylerChang_CIS2531_Project_Pt2.py
Enter the name of a NFL Player: Peyton Manning
Enter the abbreviated position of the player: quarterback
That was not a legal abbreviation. Please select from list:
['QB', 'HB', 'FB', 'WR', 'TE', 'C', 'OG', 'OT', 'DT', 'DE', 'MLB', 'OLB', 'CB',
'S', 'K', 'P', 'LS', 'H', 'KR', 'PR']
```

```
Enter the abbreviated position of the player: QB
Enter the number of years the player has been in the NFL: -7
Years cannot be negative. Please try again.
```

```
Enter the number of years the player has been in the NFL: 18
```

```
NFL Player:
Name: Peyton Manning
Position: QB
Years in NFL: 18
```

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.