

hw1.py reads the data from the specified file and standardizes the format of employee attributes. When the value of an id does not match the format of an employee id, the user will be prompted to enter the correct id for that employee. The employee data is used to create a dictionary mapping employee ids to Person objects.

The program can be run in the terminal by running 'python hw1.py <filepath>' where <filepath> is the relative path to the csv file containing the employee data.

Python has many convenient functions and syntactical features that can be used for text processing, such as slices and list comprehensions. On the other hand, because Python is so slow, processing large amounts of text essentially requires the use of external libraries that have been written in C.

I was able to review how to perform file IO and pickling in Python. This is also the first time I have learned to use sys.argv to pass command line arguments to a Python program.