We’ve been asked to send out a communication to a predefined population provided to us in a .txt file. The request is to send only one communication per household, but we want to address it to everyone in that household. For example ‘John and Jane Smith’. For this reason we will need to rewrite the file so it can be used in production. Complete as much as you can. The python code and production file will need to be submitted back.

You will need to write a python function(s) accounts for the following:

* Input key attribute of ‘input\_path\_filename’, output = prod\_path\_filename
* Rewrites the ‘firstName’ and last name into the ‘fullName’
  + fullName example of non-household ‘John Smith’
* Combines households based on,
  + Has the same ‘coordinatedMailingId’
  + Has the same mailing address
  + Has the same ‘asset1’
  + fullName example of household ‘**John** and Jane Smith’.
  + Record marked as ‘isPrimary’ = **TRUE**, should be addressed first.
* Remove duplicate records based on columns; customer**Person**Id, asset1, and asset2
* Reformat the ‘phoneNumber’ column to add ‘-‘, (ex. 1-888-111-2222)
* The production ready file should be named in the following format as .csv: yyyymmdd\_youName\_favoriteSuperHero.csv (ex. 20211129\_JeremySuwinski\_StarLord.csv)

Extra credit: reformat the drop date to long format. (ex. November 29, 2021)