Problem 1:

1. What is an advantage of namedtuples over dictionaries?
   a. The advantage of using namedtuples is that since they are immutable, it is useful to store data that will never be changed and might be used in multiple areas of our code.
2. What is an advantage of dictionaries over namedtuples?
   a. Dictionaries are flexible and mutable which means that they are useful when we are uncertain about the type and size of the data that we are handling. Since dictionaries can be changed we can manipulate the data inside more efficiently.