Example Calls

In [18]: runfile('.../trickSolution.py', wdir=...)  

Reloaded modules: cards

In [19]: my_deck = cards.Deck()

In [20]: my_deck.shuffle()

In [21]: packet = [my_deck.deal() for i in range(21)]

In [22]: print(packet)  

[A♥, J♣, 5♣, 9♥, 9♠, K♦, 10♥, Q♥, 10♠, 8♠, K♥, 5♥, 8♥, Q♠, 2♣, 4♥, 6♠, Q♦, 6♣, 8♦, 8♥]

In [23]: piles = make_piles(packet)

In [24]: print(piles)  

[[A♥, 9♥, 10♥, 8♠, 8♥, 4♥, 6♠], [J♣, 9♠, Q♥, K♦, Q♠, 6♠, 8♥], [5♣, K♣, 10♠, 5♥, 2♣, Q♦, 8♠]]

In [25]: print_piles(piles)

Pile 1 Pile 2 Pile 3

A♥    J♣    5♣  
9♥    9♠    K♦  
10♥   Q♥    10♣  
8♠    K♣    5♥  
8♥    Q♣    2♣  
4♥    6♠    Q♠  
6♠    8♠    8♣  

In [26]: packet = do_round(packet)

Pile 1 Pile 2 Pile 3

A♥ J♣ 5♣
9♥ 9♣ K♣
10♥ Q♥ 10♣
8♠ K♣ 5♥
8♥ Q♦ 2♣
4♥ 6♦ Q♣
6♠ 8♦ 8♠

Which of the piles 1--3 below contains your number? 1

In [27]: print(packet)
[5♣, K♦, 10♣, 5♥, 2♣, Q♠, 8♠, A♥, 9♥, 10♥, 8♣, 8♥, 4♥, 6♠, J♣, 9♦, Q♥, K♣, Q♦, 6♠, 8♦]

Of course, the piles will print differently until you replace the simple implementation that we
gave you for print_piles. This simple implementation displays each column as a list
preceded by the label, one to a line.

For example:

In [28]: runfile('...trick.py', wdir=...)
Reloaded modules: cards

In [29]: print(piles)
[[A♥, 9♥, 10♥, 8♣, 8♥, 4♥, 6♠], [J♣, 9♦, Q♥, K♣, Q♦, 6♠, 8♦],
[5♣, K♦, 10♣, 5♥, 2♣, Q♠, 8♠]]

In [30]: print_piles(piles)
Pile 1: [A♥, 9♥, 10♥, 8♣, 8♥, 4♥, 6♠]
Pile 2: [J♣, 9♦, Q♥, K♣, Q♦, 6♠, 8♦]
Pile 3: [5♣, K♦, 10♣, 5♥, 2♣, Q♠, 8♠]