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**Question2.py**

For this assignment we are going to make the cards that we use in the game. Each card contains the name of a bird and the number of points it is worth. This command consists of three functions:

***Function 1: making numbers***

Given: a list of bird names. Please note: a name may only appear once in the list, remove any duplicate names from the list (because a given list may also contain errors).

Tip: the names are always without spaces.

Make a second list with the same number of random numbers between 1 and 8 (so this list contains the same number of numbers as the bird names list)

Ex:

Given list: [“sparrow”, “eagle”, “tit”, “vulture”, “robin”, “duck”, “eagle owl”, “canary”, “tit”]

List to create (example): [5, 6, 7, 2, 3, 5, 4, 1]

***Function 2: awarding points***

Merge the two lists to put the name and number together

A possible result based on previous lists:

[“sparrow 5”, “eagle 6”, “tit 7”, “vulture 2”, “robin 3”, “duck 5”, “eagle owl 4”, “canary 1”]

***Function 3: Split***

Anyone who knows the game knows that three piles are made with the cards.

Split the list of function 2 into 3 smaller lists. If the number is not divisible by 3, first the first list will receive an extra card, then the second list. The piles are sorted in random order.

List1 = [“vulture 2”, “sparrow 5”, “eagle owl 4”]

List2 = [“canary 1”, “robin 3”, “eagle 6”]

List3 = [“tit 7”, “duck 5”]

Print the 3 lists with all the cards underneath each other, 1 card on each line. Start with the pile it is on (= the list) and then the name + number.

Sample output based on the previous functions:

1 vulture 2

1 sparrow 5

1 eagle owl 4

2 canary 1

2 robin 3

2 eagle 6

3 tit 7

3 duck 5

**Note: The sample output above may also look different due to the random numbers and random sorting of the 3 stacks**