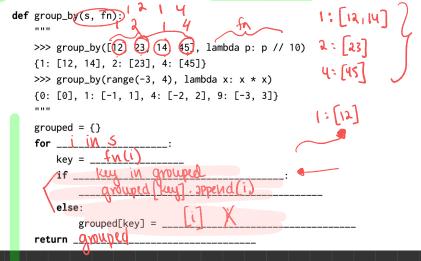
2.3 **Tutorial:** Write a function that takes in a sequence s and a function fn and returns a dictionary.

The values of the dictionary are lists of elements from s. Each element e in a list should be constructed such that fn(e) is the same for all elements in that list. The key for each value should be fn(e). For each element e in s, check the value that calling fn(e) returns, and add e to the corresponding group.



dict = { }	ky: vshu		" " " " " " " " " " " " " " " " " " "	rd"
	adding fruits ["	"apple"]— "blueberry"]= Lappli" in fo	= "blue" uib:	
	red": ["apples", "stow "'yellad": ["pineapple","! d"]. append ("pomegrani)			

2.4 **Tutorial:** Write a function that takes in a value x, a value e1, and a list s and adds as many e1's to the end of the list as there are x's. **Make sure to modify** the original list using list mutation techniques.

```
def add_this_many(x, el, s):
    """ Adds el to the end of s the number of times x occurs
    in s.
    >>> s = [1, 2, 4, 2, 1]
    >>> add_this_many(1, 5, s)
    >>> s
    [1, 2, 4, 2, 1, 5, 5]
    >>> add_this_many(2, 2, s)
    >>> s
    [1, 2, 4, 2, 1, 5, 5, 2, 2]
```