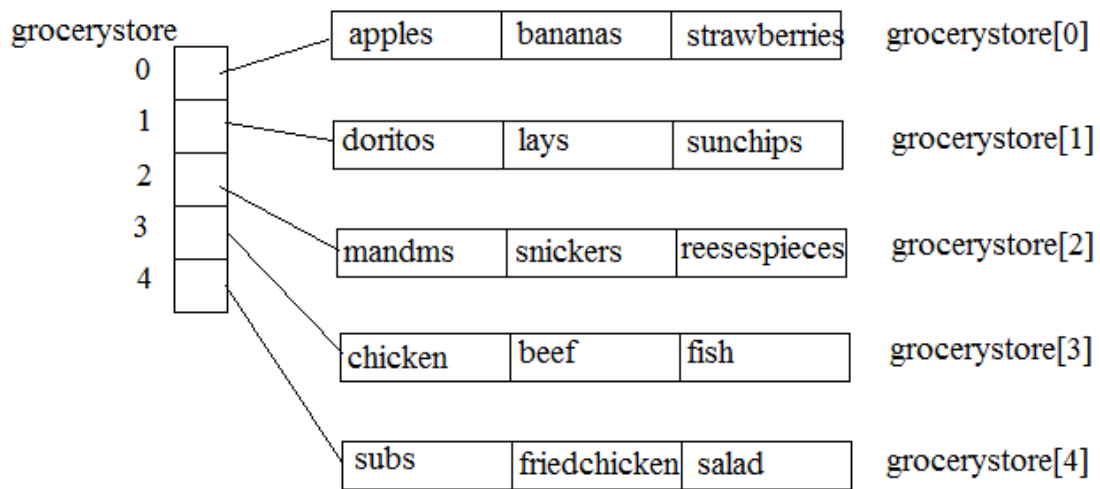


Picture Accompanying Grocery Store Example: getAisleHard

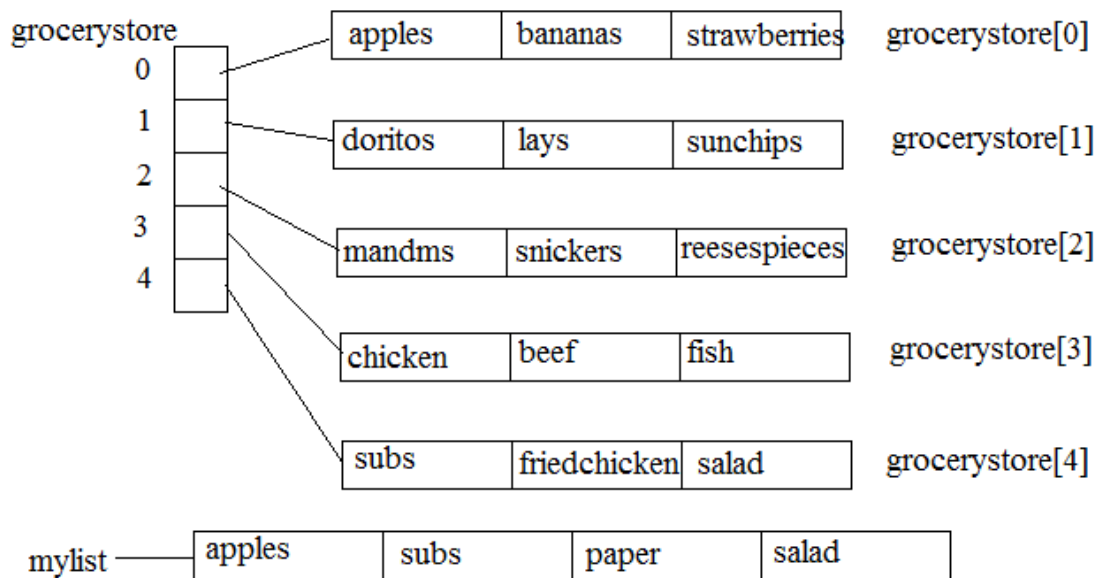


`len(grocerystore) = 5`      `grocerystore[2][1] = "snickers"`  
`len(grocerystore[0]) = 3`      `grocerystore[4][0] = "subs"`

in `getAisleHard`, `i` is index to `grocerystore`, `j` is index to `grocerystore[i]`, an aisle.  
when `i = 2`, `j = 1`, I am checking if item is equal to "snickers" or not.

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**Picture Accompanying Grocery Store Example: bestAisle**



In `bestAisle`, index `i` goes through each aisle in the grocery store, one by one. For each aisle, we loop through each item in `mylist` (so first apples, then subs, then paper and then salad). For each of these items, we ask the question, "Are you in my aisle?" (my aisle is `store[i]`). If you are, we add one to our accumulator, `count`. If `count` is better than the best we've seen, we update our main best answers, `curBest` and `curAisle`.

In this example, when `i = 4`, `count` will get set to 2 because of subs and salad. This will update `curBest` to 2 and `curAisle` to 4, which gets returned later.

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