

# iOS : Swift Intermediate level

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1. Write a function called `siftBeans(fromGroceryList:)` that takes a grocery list (as an array of strings) and “sifts out” the beans from the other groceries. The function should take one argument that has a parameter name called `list`, and it should return a named tuple of the type `(beans: [String], otherGroceries: [String])`.

```
Ans. func siftBeans(fromGroceryList list: [String]) -> (beans: [String], otherGroceries: [String]) {  
    var beans = [String]()  
    var otherGroceries = [String]()
```

```
    for product in list {  
        if product.hasSuffix("beans") {  
            beans.append(product)  
        } else {  
            otherGroceries.append(product)  
        }  
    }  
}
```

```
    return (beans, otherGroceries)  
}
```

```
let result = siftBeans(fromGroceryList: ["green beans",  
                                         "milk",  
                                         "black beans",  
                                         "pinto beans",  
                                         "apples"])  
  
print(result.beans)  
print(result.otherGroceries)
```