Dry Run: Difference Between
1) dic[person][fruit] = dic[person].get(fruit, 0) + 1
2) dic[person] = dic[person].get(fruit, 0) + 1

Correct Version Dry Run
dic[person][fruit] = dic[person].get(fruit, 0) + 1
Start:
dic = {}
person = "Ali"
fruit = "apple"
Step 1:
"Ali" not in dic → create:
dic = { "Ali": {} }
Step 2:
dic["Ali"]["apple"] = dic["Ali"].get("apple", 0) + 1
Right side → 0 + 1 = 1
Final:
dic = {
"Ali": {"apple": 1}
}

Wrong Version Dry Run
dic[person] = dic[person].get(fruit, 0) + 1
Start:
dic = {}
person = "Ali"
fruit = "apple"
Step 1:
"Ali" not in dic → create:
dic = { "Ali": {} }
Step 2:
dic["Ali"] = dic["Ali"].get("apple", 0) + 1
Right side → 0 + 1 = 1
Final:
dic = {
"Ali": 1
}

Final Difference Summary
Correct:
Updates inner dictionary → dic["Ali"]["apple"]
Wrong:
Replaces entire inner dictionary → dic["Ali"] = 1