Test Case	Sample Shopping List
1	N/A)
2	[('kite' : 3)]
3	['ball' : 1)]
4	[' pen': 1)]
5	['shirt':1]
6	['kite': 3), ('shirt', 2), ('shorts', 1) ('car'31)]
7	[('ball', 1)('racquet', 1), ('bat', 1), ('shuttle, 1)]
8	[('shirt', 3), ('eraser', 2), ('pencil, 2), ('pen', 10)] scale
9	→ [('shirt', 3], ('short', 3), ('car', 2), ('teddy', 3)]

```python
Departments = ['Toy', 'Clothes', ...]
Discounts = {'Toy':10, 'Clothes':20 ...}
GST_Rates = {'Toys':6, 'Clothes':12, ...}
Toys_Price_List = {'car':9, 'teddy':4, ...}
Clothes_Price_List = {'shirt':9, 'shorts':4, ...}
Sporting_Price_List = {'ball':9, 'racquet':4, ...}
Stationary_Price_List {'pencil':9, 'scale':13, ...}


shopping_list = input()
expected_total = int(input())
total_amount = 0
for item, quantity in Shopping_List:
    if item in Toys_Price_List:
        department = 'Toys'
        price = Toys_Price_List[item] * quantity
    elif item in Clothes_Price_List:
        department = 'Clothes'
        prices = Clothes_Price_List[item] * quantity
    elif item in Sporting_Price_List:
        department = 'Sporting'
        prices = Sporting_Price_List[item] * quantity
    elif item in Stationary_Price_List:
        department = 'Stationary'
        prices = Stationary_Price_List[item] * quantity
    else:
        print(f"item {item} not found in any department

    if department in Discounts:
        discount = Discounts[department]
        price -= price * discount/100
```

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if department in GST_rates:
    rate = GST_rates[department]
    price = price + (price * rate / 100)

total_amount += price

if total_amount == expected_total:
    print("pass")
else:
    print("fail")
```