```python
#invenory management

inv = {'1':{'name':'rice','price':'100','quant':'2kg'},
       '2':{'name':'wheat','price':'150','quant':'1kg'},
       '3':{'name':'paddy','price':'120','quant':'3kg'},
       '4':{'name':'red gram','price':'80','quant':'2kg'},
       '5':{'name':'maida','price':'70','quant':'0.5kg'}
}

print('\n This is our inventory list select the items:\n')

for prod_id in inv:
    print('product name',inv[prod_id]['name'])  #product name
    print('product price',inv[prod_id]['price']) #product price
    print('product quantity',inv[prod_id]['quant']) #product quantity


num = int(input ('\nenter the number of items:\n')) #taking how many products do you want

lis=[]


for i in range(num):
    z=(input('enter the product id:'))
    for a in z:
        lis.append(a)



print('\n\nyour products are:\n')
for prod_id in lis:
    print('product name',inv[prod_id]['name'])  #product name
    print('product price',inv[prod_id]['price']) #product price
    print('product quantity',inv[prod_id]['quant']) #product quantity

"""
output
This is our inventory list select the items:

product name rice
product price 100
product quantity 2kg
product name wheat
product price 150
product quantity 1kg
product name paddy
product price 120
product quantity 3kg
product name red gram
product price 80
product quantity 2kg
product name maida
product price 70
product quantity 0.5kg
```

enter the number of items:
3
enter the product id:1
enter the product id:3
enter the product id:4

your products are:

product name rice
product price 100
product quantity 2kg
product name paddy
product price 120
product quantity 3kg
product name red gram
product price 80
product quantity 2kg

"""