

- Annika went to a shopping mall. there she bought some make up items. in that mall 15% vat were applicable on all products and some discounts on vouchers . write a programs for this problem in python.

Solution :

```
lst = []
qty = []
total = 0

print('1.Lipstick  10$\n 2.Mascara  7$\n 3.Blush  11$\n 4.Foundation  20$\n 5.Consiler  17$\n')

n = int(input("Enter the code of items : "))

for i in range(0,n):
    items = int(input())
    lst.append(items)

for i in range(0,n):
    q = int(input())
    qty.append(q)

for i in range (0,n):
    if lst[i]== 1:
        total = total + (10*qty[i])
    elif lst[i]== 2:
        total = total + (7*qty[i])
    elif lst[i]== 3:
        total = total + (11*qty[i])
    elif lst[i]== 4:
        total = total + (20*qty[i])
    elif lst[i]== 5:
        total = total + (17*qty[i])
    else :
        total = total

bill= total+(total*0.15)

print("Total bill = ",bill)

print('Discount Code :')
```

```
dc = int(input())

if dc==98:
    bil= bill-(bill*0.5)
    print("Discounted Price :",bil)

elif dc==79:
    bil= bill-(bill*0.2)
    print("Discounted Price :",bil)

else:
    print("No Discount")
```