

```
#include<iostream>

using namespace std;

int main()
{
    string userName;
    double totalAmount;
    string userId;
    string item;
    int phone = 600;
    int printer = 400;
    int table = 200;
    int quantity;
    int price;
    const double vat;
    double customerAmount;
    double balance;
    cout<<"what is your name" <<endl;
    cin>> userName;
    cout<<endl;
    cout<<"Input your ID"<<endl;
    cin>> userId;
    cout<<endl;
    cout<<"what do you wish to buy"<<endl;
    cout<<"A.phone=600"<<endl;
    cout<<"B.table=200"<<endl;
    cout<<"C.printer=400"<<endl;
    cout<<"choose one"<<endl;
    cout<<endl;
    cin>> item;
    cout<<"how many do you wish to buy"<<endl;
```

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cin>> quantity<<endl;
```

```
if(item=="printer"){  
    vat=(printer*quantity)*0.12  
    totalAmount=(printer*quantity)+vat  
    cout<<"total amount is "<< totalAmount<<"endl;  
}
```

```
else if(item=="phone"){  
    vat=(phone*quantity)*0.12  
    totalAmount=(phone*quantity)+vat  
    cout<<"total amount is "<<totalAmount<<"endl; }  
}  
  
else if(item=="phone"){  
    vat=(phone*quantity)*0.12  
    totalAmount=(phone*quantity)+vat  
    cout<<"total amount is "<<totalAmount<<"endl;  
}
```

```
else if(item=="table"){  
    vat=(table*quantity)*0.12  
    totalAmount=(table*quantity)+vat  
    cout<<"total amount is "<<totalAmount<<"endl;  
}  
  
else{cout<<"item is unavailable"<<endl;}
```

```
if(customerAmount<totalAmount){  
    balance=customerAmount-totalAmount;  
    cout<<"your balance is"<<balance<<"endl;  
}
```

```
else if(customerAmount>totalAmount){
cout<<"your money is insufficient to purchase this item<<"endl;

}

else{cout<<"Thank you"<<endl;}

cout <<"***CUSTOMER RECEIPT***\n"<<endl;
cout << "Name of Customer : " << customerName <<endl;
cout << "Customer ID : " << userId <<endl;
cout << "Item Bought : " << item<<endl;
cout << "Vat Amount : " << vat <<endl;
cout << "Total Cost : " << totalAmount <<endl;
cout << "Total Amount Paid : " << customerAmount <<endl;
cout << "Balance : " << balance <<endl;
cout<<endl; cout << "THANK YOU FOR TRANSACTING WITH US"<<endl;
return 0;
```