1. Make a class named Shop. The members of Shop class is given below:

Shop

{

    string product\_name[10];

    int product\_price[10];

    int product\_quantity[10];

    int total\_income;

}

1. Make all members except the total\_income as public. Make a getter and setter function for total\_income so that we can know the total\_income of that class.
2. Take input of all members of the Shop class from the user.
3. Make a system so that an user will see all products, price of those products, and the quantity. After that, the user can select which product he/she wants to buy.
4. After selecting a product and quantity, the amount will be added to the total\_income of that class. Must check if the quantity that user wants is available or not. The quantity of that product will be reduced also.
5. Demo is given below:

