**Question 2:(3pionts)**

Design and code a class named **Product** that holds information about a **Product** andclass named **Food** which is derived from **Product**

**Product** (code:String, name:String, price: double, quantity: int)

**Food** (code:String, name:String, price: double, quantity: int ,date:String, expireDate:int)

Food:

Calculate: getPrice() (overriden from Product)

if getQuantity() <=4, price is original price

if getQuantity()>4 price is discounted by 10 %

The program Menu:

1. TC = 1 - test toString function

2.TC = 2 - test getPrice function

3. TC = 3 - test getName function

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| TEST CASE 1  INPUT:  Enter Code: VNP123  Enter name: Canh ga ham  Enter price: 230  Enter quantity: 5  Enter Date: 23/10/2018  Enter expireDate: 1  1. TC = 1 - test toString function  2.TC = 2 - test getPrice function  3. TC = 3 - test getName function  Enter TC: 1  OUTPUT:  VNP123 Canh ga ham 230.0 5  VNP123 Canh ga ham 230.0 5 23/10/2018 1 |
| TEST CASE 2  INPUT:  Enter Code: VNP123  Enter name: Canh ga ham  Enter price: 230  Enter quantity: 5  Enter Date: 23/10/2018  Enter expireDate: 1  1. TC = 1 - test toString function  2.TC = 2 - test getPrice function  3. TC = 3 - test getName function  Enter TC: 2  OUTPUT:  207.0 |
| TEST CASE 3  INPUT:  Enter Code: VNP123  Enter name: Canh ga ham  Enter price: 230  Enter quantity: 5  Enter Date: 23/10/2018  Enter expireDate: 1  1. TC = 1 - test toString function  2.TC = 2 - test getPrice function  3. TC = 3 - test getName function  Enter TC: 3  OUTPUT:  Canh ga ham |