Práctica 4

```
sábado. 25 de mayo de 2024 12:10
 public interface Product ?
          public Big Decimal gethria ();
          public void check Min Item Price (Big Decinal min Item Price);
           long count I tens Below Minfrice (Big Decimal minfrice, Set 2 Products visited Products);
          default long count Items Below Minfrice (Big Decimal minfrice) {
                         Set & Product > visited = new Harhset <>();
return count I temo Below Historice (minfrire, mostru);
          void accept (Product Visitor visitor);
 public interface Product Visitor &
void visit (Item item);
void visit (Item item);
  public class Pack implements Product & private Listz Products products;
           public Pack ()}
this, products = new ArrayList <>();
public void all Product (Product product) {

if (product == null) {

throw now NullPortion Exception ("Product is null");
          products.add();
@ Override
public Righterinal gettrice() {
critists products.stream()
. map(fracts:gettrica)
                 - reduce (Rig Deciral ZERO, Rig Deciral: add)
.545 Dele (2, Rounding Mak. WALF-UP);
 public List e Products > pat Products () }

return Collection. connect fielder (products);
  public void dock Min It quetrice (Righeanal win Itrulina) ?
products. for Each (product -> product. dock (Min Itrulina);
 @Overrile
  ?
                      count I tems Below Hindrice (By Decinal minhia, Set 2 froduits visited) {
 @ Override
```

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1121149. NOO C .... N
      long count = 0;
      for ( product: products)
              ill! visited.contains (product)) {

count += product. count I taus Below Min Price (min Price, visited);
     return count;
public void accept (Product Visitor visitor) {
visitor. visit (this);
@ Override
        for (frobat product: products) {

product accept (virtu);

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 3
public class Item implements broduit ?
         private Big Decimal pria;
        public Itam (Big Decimal Price) {
check Greater Them Zero (price);
               this. price = price. setSoala(2, Rounding Hab. WEF-UP);
       private void check Great in Than Zero (Rig Decimal price) {
if (price. compare to (Big Decimal. ZERO) <= 0) {
                     throw now Algolfrgenest Exception (" Aria mist be greater than zero");
       3
       @Overrise
      public Righerinal getPrial) {
return this.prior;
       public void softpria (Righeand nambria) {
wouthing = nambria softscale (2, Rossling Hab. HOLF-UP);
            chell Grost or the Zaro (new Price);
           this. pria c matria;
      public void check Min I tentrice (Big Decom) nin Itentrice) {

Check Granter Than Zaro (win I tentrice);
               if (this, prior, compara To (ainthea fria) <0) {
this, prior = un Thulrice. setScale (Z, Rounding +4. de. HALF-UD);
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countymes Bolow Minfrice (Bigitainal nichia, Set aloudet > visitalfoduts) ?
     @Overribe
               roturn this price compare To (micha) 20?1:0;
    public less
             void accort (Product Visitor visitor) {
visitor. visit(this);
     politic
    public class MinPriceUplator Visitor implements Product Visitor &
      private Mintrice (Ipdator Visitor (Big Decina) ninfria) {

if [wintrice. compreto (Big Decina). 2ERO) <= 0) {

if [wintrice. compreto (Big Decina). 2ERO) <= 0) {

throw now Illegal Argentat Excaption ("Minimum price must be grader than 200");

}

this. wintrice = wintria.set Scale (2, Randing than 1811-UP);
   @Overile
   public void visit (Ithen the) {
          if (item. got Price (). compare To (pain Price) < 0) {
item. settrice (mintrice);
   3
    @ Overrise
    public vist (Pade pade ) {
         for (Product product: padl.gotProducts()) {

product.accept(this);
}
   public static void update Prior ( froduct product, Big Decimal min Prior) }
           Minfrice Update Visitor visitor = new Mixfrice Update Visitor (Nich ico);
            product acopt (visita);
ζ
public class Court Itans Balone Hinfrice Visitor implantation Product Visitor &
         private light count;
         private Sot a Andrets visited;
         prints Count Brans Adow Mulmanderston (Big De cinal minfria) &
                illniftia. orapanto (byDa:nol. ZERO) 2=0) }
                   throw now Alago Agrenont Exception (" rothing price must be grafter than seron)
```

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this court = 0;
this voited = come NorthStanco);
   3
 couveride

pullic void visit (Iten iten) {

if (!visitud.coutains(iten)) {

visitud.add(iten);

if iten.set from ().compare To (minfrom) < 0) {

countati
     3
      @Override
      pullic void visit (Pade pade) {
                    if (!vistal.contains(pak))?

visital.add(pak);

for (product.product:padkgot broduds())?

product.accept(thi);

?
       public int getCourt () ?
       public static int count Itsus Balow Michia (Product product, Big Dacinel minhice)?

Count Ithus Balowstein Prical isster 17 its = now Count Itsus Balowstein Prical isster (rights);

Product accept (risklar);

Potern visitor. getCount();
       3
3
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25/5/24, 13:40 OneNote