**package** assignments;

**import** java.util.\*;

**class** Product {

**private** Integer id;

**private** String name;

**private** **double** price;

**public** Product(Integer id, String name, Double price) {

**this**.id=id;

**this**.name=name;

**this**.price=price;

}

**public** Integer getId() {

**return** id;

}

**public** **void** setId(Integer id) {

**this**.id = id;

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** **double** getPrice() {

**return** price;

}

**public** **void** setPrice(**double** price) {

**this**.price = price;

}

**public** String toString() {

**return**("Product"+"{"+"id="+id+", "+"name="+name+", "+"price="+price+"}");

}

}

**class** Implementation2{

**public** Map<String, List<Product>> getProductName(List<Product> products){

Map<String, List<Product>> m = **new** HashMap<>();

List<Product> l = **new** ArrayList();

**for**(Product i : products) {

**if**(i.getPrice()>=20)

{

l.add(i);

m.put(i.getName(), l);

}

}

**return** m;

}

**public** Map<String, Double> getSum(List<Product> products){

Map<String, Double> map1 = **new** HashMap<>();

**for**(Product i :products) {

map1.put(i.getName(), i.getPrice());

}

**return** map1;

}

}

**class** question28{

**public** **static** **void** main(String[] args) {

Product pr5 = **new** Product(1,"Bruchotte", 5.0);

Product pr6 = **new** Product(4,"Banana", 1305.0);

List<Product> pr = Arrays.*asList*(pr5, pr6);

Implementation2 i = **new** Implementation2();

System.***out***.println(i.getProductName(pr));

System.***out***.println(i.getSum(pr));

}

}