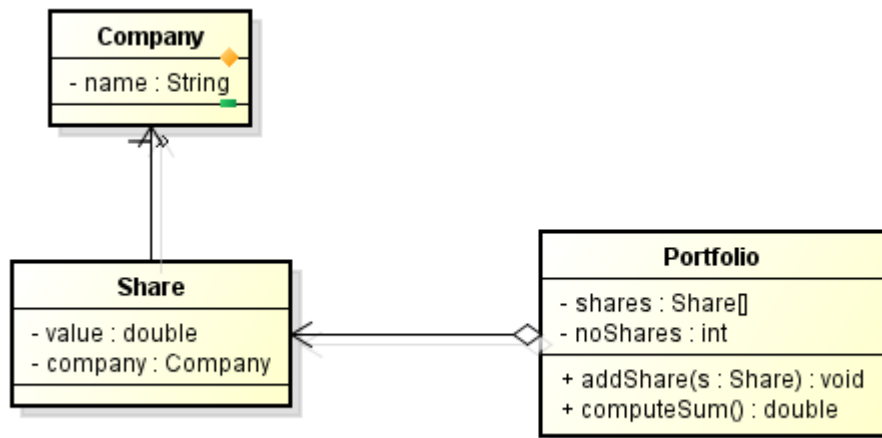


HW6

Exercise 1

A company sells a number of shares. Each share has a value. A share holder (person) has a portfolio composed of a number of shares.



Implement the classes in the diagram and use the given main method for testing.

```
public static void main(String[] args) {
    Portfolio p=new Portfolio();
    Company c1=new Company("Ubisoft");
    Share s1=new Share(1200,c1);
    Share s2=new Share(500,c1);
    Share s3=new Share(700,c1);
    Company c2=new Company("Apple");
    Share s4=new Share(800,c2);
    Share s5=new Share(900,c2);
    Share s6=new Share(100,c2);
    p.addShare(s1); p.addShare(s2); p.addShare(s3); p.addShare(s4);
    p.addShare(s5); p.addShare(s6);
    System.out.println(p.computeSum()); //4200.0
}
```