```java
// this shows the quantity discounts given based on the number of
units sold
public class SoftwareSales
{
private double quantity, // amount of quantity
                discounts, // amount of discount
                pay, // amount paid
                rate // amount package retails
    public SoftwareSales(double q, double d)
    {
        quantity = q;
        discount = d;
        calculatePay();
    }
    private void setRate()
    {
        if (quantity 10-19)
            discount = 20%;
        else if (quantity 20-49)
            discount = 30%;
      else if (quantity 50-99)
            discount = 40%;
        else
            discount = 50%;
    }
    private void calculatePay()
    {
        setRate();
        quantity = rate - discount;
        pay = quantity / discount;

    }
    private double getPay()
    {
        return pay;
    }
    public double getQuanity()
    {
        return quantity;
    }
    public double getDiscounts()
    {
        return discounts;
    }
    public double getRate()
    {
        return rate;
    }
}
```