```
/**
 * @author Harley Phung
 * Create a trader in the trade
 */
public class Trader {
    /** @param name  the name  of the trader */
    private String name = "";

    /**
     * A constructor that have trader's name  as input
     * @param name  the trader's name
     */
    public Trader (String name ) {
        this.name = name;
    }

    /**
     * Returns the trader's name
     * @return name  the trader's name
     */
    public String getName() {
        return this.name;
    }

    /**
     * Changes the trader's name
     * @param name  new trader's name
     */
    public void setName(String name) {
        this.name = name;
    }

    /**
     * A toString method format the returned String
     */
    public String toString() {
        return "the name of the trader: " + this.getName();
    }

    /**
     * An abstract equals method that compared the two trader's information.
     * @param o  compare the trader
     * @return true  if two traders have the same name
     * @return false  if two traders don't have the same name
     */
    public boolean equals(Trader o){
        if(o instanceof Trader)
            return o.getName().equals(this.getName());
        else
            return false;
    }
}
```