

```

/**
 * @author Harley Phung
 * Create Order abstract class to create orders
 */

public abstract class Order extends TradeProcess {
    /**
     * An abstract method the changes the number of shares of the trade
     * @param numShares new number of shares in the order
     */
    public abstract void setNumberShares(int numShares);

    /**
     * An abstract method to determine if the trader have to trade all
     */
    public abstract boolean isAllOrNone();

    /**
     * An abstract method to determine if the transaction is in day process
     */
    public abstract boolean isDayOrder();

    /**
     * An abstract method that returns the Trader who placed this order
     */
    public abstract Trader getTrader();

    /**
     * A toString method format the returned String
     */
    public abstract String toString();

    /**
     * An abstract equals method that compared the two trader's information.
     */
    public abstract boolean equals(Object p);
}

```