

```

import java.util.*;

public class Main {

    public static void main(String[] args) {

        Collection<BankAccount> set = new TreeSet<BankAccount>();

        BankAccount BA1 = new BankAccount("001", 1500, "Papadopoulos");
        BankAccount BA2 = new BankAccount("002", 2500, "Nikolaou");
        BankAccount BA3 = new BankAccount("003", 1000, "Petrrou");

        set.add(BA1);
        set.add(BA2);
        set.add(BA3);

        for(BankAccount account: set) {

            System.out.println(account.getId() + ", " +
                               account.getBalance() + ", " +
                               account.getHolderName());

        }
    }
}

//Δημιουργώ Interface. Για να βάλω κάτι μέσα στην TreeSet πρέπει ΥΠΟΧΡΕΩΤΙΚΑ να υλοποιεί την διασύνδεση Comparable
class BankAccount implements Comparable {
    private String id;
    private double balance;
    private String holderName;

    // Πρέπει να υλοποιήσω την μέθοδο του interface
    @Override
    public int compareTo(Object other) {
        BankAccount otherAccount = (BankAccount)other; // Κάνω casting BankAccount
        if(this.balance < otherAccount.balance)
            return -1;
        else if(this.balance > otherAccount.balance)
            return 1;
        else
            return 0;
    }

    // Αν ηθελα να ταξινομήσω με βάση τον id
    //return id.compareTo(otherAccount.id);
}

// Κατασκευαστής
public BankAccount(String id, double balance, String holderName) {
    this.id = id;
    this.balance = balance;
    this.holderName = holderName;
}

public String getId() {
    return id;
}

public double getBalance() {
    return balance;
}

public String getHolderName() {
    return holderName;
}

```

