```
private int key;
   private Patient patient;
   public Entry(String first name, String last name, String address,
String city, String county, String state, String zip, String phonel,
String phone2, String email, String date listed, String unos status,
String dob) { // Default constructor
       this.patient = new Patient(first name, last name, address, city,
county, state, zip, phone1, phone2, email, date listed, unos status, dob);
        switch (unos status) {
key = higher priority
                this.key = 2000000;
                this.key = 0;
        String strArr[] = dob.split("/");
        this.key += ((Integer.parseInt(strArr[2])) * 365) +
((Integer.parseInt(strArr[0])) * 31) + Integer.parseInt(strArr[1]); //
   public Entry() { // Empty constructor
        this.key = 0;
```

```
this.patient = null;
   public Patient getPatient() { // returns the patient associated with
      return this.patient;
   public int getKey() { // Returns the key of this entry
       return this.key;
   public void updatePriority() {
       switch (this.patient.getUnosStatus()) {
               this.key = 4000000;
               this.key = 2000000;
               this.key = 0;
       String strArr[] = this.patient.getDob().split("/");
       this.key += ((Integer.parseInt(strArr[2])) * 365) +
((Integer.parseInt(strArr[0])) * 31) + Integer.parseInt(strArr[1]);
```