

```
package javaassessment;
import java.util.ArrayList;
import java.util.Collections;
import java.util.List;
import java.util.Scanner;
@SuppressWarnings("unused")
public class Medicine {
    private String medicineName;
    private String batch;
    private String disease;
    private int price;

    public Medicine(String medicineName, String batch, String disease, int price) {
        this.medicineName = medicineName;
        this.batch = batch;
        this.disease = disease;
        this.price = price;
    }

    // Getters and Setters
    public String getMedicineName() {
        return medicineName;
    }

    public void setMedicineName(String medicineName) {
        this.medicineName = medicineName;
    }

    public String getBatch() {
        return batch;
    }

    public void setBatch(String batch) {
        this.batch = batch;
    }

    public String getDisease() {
        return disease;
    }

    public void setDisease(String disease) {
        this.disease = disease;
    }

    public int getPrice() {
        return price;
    }

    public void setPrice(int price) {
        this.price = price;
    }
}
```

```

package javaassessment;

import java.util.ArrayList;
import java.util.Collections;
import java.util.List;
import java.util.Scanner;

public class Solution1 {
    public static List<Integer> getPriceByDisease(Medicine[] medicines, String disease) {
        List<Integer> prices = new ArrayList<>();
        for (Medicine medicine : medicines) {
            if (medicine.getDisease().equalsIgnoreCase(disease)) {
                prices.add(medicine.getPrice());
            }
        }
        Collections.sort(prices);
        return prices;
    }

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        Medicine[] medicines = new Medicine[4];

        for (int i = 0; i < 4; i++) {
            String medicineName = scanner.next();
            String batch = scanner.next();
            String disease = scanner.next();
            int price = scanner.nextInt();
            medicines[i] = new Medicine(medicineName, batch, disease, price);
        }

        String searchDisease = scanner.next();

        List<Integer> prices = getPriceByDisease(medicines, searchDisease);

        for (int price : prices) {
            System.out.println(price);
        }

        scanner.close();
    }
}

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aspirin

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