```java
01
02 package ModelLayer;
03
04 /**
05 *
06 * @author DM79_group 3
07 * @version December 2012.
08 */
09
10
11 /*
12  * Objects of this class are created whenever Bites or
13 Plasmacytosis disease is found in a cage.
14  */
15
16 public class Transfer
17 {
18     private int transferId;
19     private String transferDate;
20     private Cage cage;
21     private BiteDisease bitedisease;
22     private PlasmaDisease plasmadisease;
23     private Employee employee;
24
25
26 //setters and getters.
27     public int getTransferId() {
28          return transferId;
29     }
30
31     public void setTransferId(int transferId) {
32          this.transferId = transferId;
33     }
34
35     public String getTransferDate() {
36          return transferDate;
37     }
38
39     public void setTransferDate(String transferDate) {
40          this.transferDate = transferDate;
41     }
42
43     public Cage getCage() {
44          return cage;
45     }
46
47     public void setCage(Cage cage) {
48          this.cage = cage;
49     }
50
51     public BiteDisease getBitedisease() {
52          return bitedisease;
53     }
54
55     public void setBitedisease(BiteDisease bitedisease) {
56          this.bitedisease = bitedisease;
57     }
58
59     public PlasmaDisease getPlasmadisease() {
60          return plasmadisease;
61     }
62
63     public void setPlasmadisease(PlasmaDisease plasmadisease) {
64          this.plasmadisease = plasmadisease;
```

```java
65    }
66
67    public Employee getEmployee() {
68         return employee;
69    }
70
71    public void setEmployee(Employee employee) {
72         this.employee = employee;
73    }
74
75    //this constructor is called when there is plasmacytosis.
76    public Transfer(int transferId, Cage cage, BiteDisease
77    bitedisease, Employee employee, String transferDate)
78    {
79         this.transferId = transferId;
80         this.cage = cage;
81         this.bitedisease = bitedisease;
82         this.employee = employee;
83         this.transferDate = transferDate;
84    }
85
86    //constructor is called when there is bite Sår.
87    public Transfer(int transferId, Cage cage, PlasmaDisease
88    plasmadisease, Employee employee, String transferDate)
89    {
90         this.transferId = transferId;
91         this.cage = cage;
92         this.plasmadisease = plasmadisease;
93         this.employee = employee;
94         this.transferDate = transferDate;
95    }
96
97    //Empty Parameter Constructor.
98    public Transfer()
99    {
100
101   }
102
103   //constructor with only transferId.
104   public Transfer(int transferId)
105   {
106        this.transferId = transferId;
107   }
108
109
110
111
112 }//end of Transfer class.
```