

```
public class Subscriber extends Customer{  
    @Override  
    public int getPrice() {  
        return 100;  
    }  
}
```

```
public class AdultGuest extends Guest{  
  
    @Override  
    public int getPrice() {  
        return super.getPrice();  
    }  
}
```

```
public class AdultSubscriber extends Subscriber{  
    @Override  
    public int getPrice() {  
        return super.getPrice();  
    }  
}
```

```
public class ChildGuest extends Guest{

    @Override
    public int getPrice() {
        return super.getPrice()/2;
    }
}
```

```
public class ChildSubscriber extends Subscriber {  
    @Override  
    public int getPrice() {  
        return super.getPrice()/2;  
    }  
}
```

```
public abstract class Customer {  
    public abstract int getPrice();  
}
```

```
public class Guest extends Customer{  
    @Override  
    public int getPrice() {  
        return 50;  
    }  
}
```

```
public class Main {  
  
    public static void main(String[] args) {  
        TossManager manager = new TossManager();  
        manager.Pay(new AdultGuest());  
        manager.Pay(new AdultGuest());  
  
        manager.Pay(new AdultSubscriber());  
        manager.Pay(new AdultSubscriber());  
        manager.Pay(new AdultSubscriber());  
  
        manager.Pay(new ChildGuest());  
        manager.Pay(new ChildGuest());  
  
        manager.Pay(new ChildSubscriber());  
  
        manager.print();  
    }  
}
```



```
1 package com.company;
2
3 public class TossManager {
4
5     String[] customers;
6     Integer[] counter;
7     public int totalDailyPrice = 0;
8
9     public TossManager(){
10         customers = new String[4];
11         counter = new Integer[4];
12
13         customers[0] = "AdultGuest";
14         customers[1] = "AdultSubscriber";
15         customers[2] = "ChildGuest";
16         customers[3] = "ChildSubscriber";
17
18         counter[0] = 0;
19         counter[1] = 0;
20         counter[2] = 0;
21         counter[3] = 0;
22     }
23
24     public void Pay(Customer customer){
25         switch (customer.getClass().getName()){
26             case("com.company.AdultGuest"):{
27                 counter[0]++;
28                 totalDailyPrice+=customer.getPrice();
29                 break;
30             }
31             case("com.company.AdultSubscriber"):{
32                 counter[1]++;
33                 totalDailyPrice+=customer.getPrice();
34                 break;
35             }
36             case("com.company.ChildGuest"):{
```

```
37         counter[2]++;
38         totalDailyPrice+=customer.getPrice();
39         break;
40     }
41     case("com.company.ChildSubscriber"):{
42         counter[3]++;
43         totalDailyPrice+=customer.getPrice();
44         break;
45     }
46 }
47 }
48
49 public void print(){
50     System.out.println("totalDailyPrice : "+totalDailyPrice);
51
52     for(int i=0;i<4;i++){
53         System.out.println(customers[i] + " : " + counter[i]);
54     }
55 }
56 }
57
```