



```

1 package Mediator_Pattern;
2
3 public abstract class Server {
4     public abstract void communicate(String message, Comunicator c);
5 }
6
7
8 package Mediator_Pattern;
9
10 public class CustomerServer extends Server {
11     private Customer customer;
12     public void setCustomer(Customer customer) {
13         this.customer = customer;
14     }
15
16     public void setCompany(Company company) {
17         this.company = company;
18     }
19
20     private Company company;
21
22     @Override
23     public void communicate(String message, Comunicator c) {
24         // TODO 自动生成的方法存根
25         if (c==this.customer) {
26             company.getMessage(message);
27         }else if(c ==this.company) {
28             customer.getMessage(message);
29         }
30     }
31 }

```

```

1 package Mediator_Pattern;
2
3 public abstract class Communicator {
4     Server server;
5     public Communicator(Server s ) {
6         this.server = s;
7     }
8     public abstract void getMessage(String message);
9
10 }

```

```

1 package Mediator_Pattern;
2
3 public class Customer extends Communicator {
4     public Customer(Server s){
5         super(s);
6     }
7     @Override
8     public void getMessage(String message) {
9         // TODO 自动生成的方法存根
10        System.out.println("客户收到了消息: "+message);
11    }
12    public void ask(String message) {
13        this.server.communicate(message, this);
14    }
15 }

```

```

1 package Mediator_Pattern;
2
3 public class Company extends Communicator {
4
5     public Company(Server s) {
6         super(s);
7         // TODO 自动生成的构造函数存根
8     }
9
10    @Override
11    public void getMessage(String message) {
12        // TODO 自动生成的方法存根
13        System.out.println("电脑公司收到了消息:"+message);
14    }
15    public void answer(String message) {
16        this.server.communicate(message, this);
17    }
18
19 }
20

```

```
1 package Mediator_Pattern;
2
3 public class test {
4
5
6     public static void main(String[] args) {
7         // TODO 自动生成的方法存根
8         CustomerServer server = new CustomerServer();
9
10        Customer customer = new Customer(server);
11        Company company = new Company(server);
12        server.setCompany(company);
13        server.setCustomer(customer);
14        customer.ask("我买的电脑用不了");
15        company.answer("把电源接上就能用了");
16    }
17
18 }
19
```

控制台

<已终止> test (6) [Java 应用程序] C:\Program Files\Java\jdk-11.0.2\bin\javaw.exe (2019年10月14日 下午2:01:13)

电脑公司收到了消息:我买的电脑用不了

客户收到了消息: 把电源接上就能用了