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```
interface Kitchen {    //interface of Kitchen And There are Chef is common
    void Chef();
}

class Chinese implements Kitchen {    //catagory of with many type of chef
    @Override
    public void Chef() {
        System.out.println("Chinese Catagory: \nMake a Chinese Food.\n");
    }
}

class SouthIndian implements Kitchen {    //south indian chef
    @Override
    public void Chef() {
        System.out.println("SouthIndian Catagory: \nMake a SouthIndian
Food.\n");
    }
}

class Italian implements Kitchen {    //italian chef
    @Override
    public void Chef() {
        System.out.println("Italian Catagory: \nMake a Italian Food.\n");
    }
}

class Facade {
    private Kitchen chinese;
    private Kitchen southIndian;
    private Kitchen italian;

    public Facade() {
        chinese = new Chinese();
        southIndian = new SouthIndian();
        italian = new Italian();
    }

    public void ChineseChef() {
        chinese.Chef();
    }

    public void SouthIndianChef() {
        southIndian.Chef();
    }
}
```

```

        public void ItalianChef() {
            italian.Chef();
        }
    }

    public class faced {
        public static void main(String[] args) {
            Facade f = new Facade();
            f.ChineseChef();
            f.SouthIndianChef();
            f.ItalianChef();
        }
    }
}

```

Output:

```

PROBLEMS 18 OUTPUT DEBUG CONSOLE TERMINAL

PS D:\DP> cd "d:\DP\" ; if ($?) { javac faced.java } ; if ($?) { java faced }
Chinese Catagory:
Make a Chinese Food.

SouthIndian Catagory:
Make a SouthIndian Food.

Italian Catagory:
Make a Italian Food.

PS D:\DP>

```