

QUIZ # 2

NAME :	ROLL NO. #
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```
public interface ChineseFood {  
  
    void chineseRice();  
  
    void chineseNoodles();  
}
```

```
public interface MexicanFood {  
  
    void mexicanNachos();  
}
```

```
public class ChinesePack implements ChineseFood {  
  
    @Override  
    public void chineseRice() {  
        System.out.println("Chinese Rice Spicy ordered");  
    }  
  
    @Override  
    public void chineseNoodles() {  
        System.out.println("Chinese Noodles with Red Sauce ordered");  
    }  
}
```

```
public class MexicanPack implements MexicanFood {  
  
    @Override  
    public void mexicanNachos() {  
        System.out.println("Mexican Nachos Crispy ordered");  
    }  
}
```

```
public interface Kitchen {  
  
    public ChineseFood getChineseFood();  
  
    public MexicanFood getMexicanFood();  
}
```

```

    }

    public class ChefA implements Kitchen {

        @Override
        public ChineseFood getChineseFood() {
            System.out.println("Chinese Food Order for ChefA");
            return new ChinesePack();
        }

        @Override
        public MexicanFood getMexicanFood() {
            System.out.println("Mexican Food Order for ChefA");
            return new MexicanPack();
        }

    }

    public class ChefB implements Kitchen {

        @Override
        public ChineseFood getChineseFood() {
            System.out.println("Chinese Food Order for ChefB");
            return new ChinesePack();
        }

        @Override
        public MexicanFood getMexicanFood() {
            System.out.println("Mexican Food Order for ChefB");
            return new MexicanPack();
        }

    }

```

Q1: Identify the design pattern used in above coded solution. Mention Entity – Class pairing. (5)

Q2: Draw complete Diagram for the above mentioned solution based on the used design pattern. (5)
