```
interface Food {
    double getCost();
    String getDescription();
}

class Rice implements Food {
    @Override
    public double getCost() {
        return 3.0;
    }

    @Override
    public String getDescription() {
        return "Rice";
    }
}

class Meat implements Food {
    @Override
    public double getCost() {
        return 5.0;
    }

    @Override
    public String getDescription() {
        return "Meat";
    }
}
```

```
class Chicken implements Food {
    @Override
    public double getCost() {
        return 6.0;
    }

    @Override
    public String getDescription() {
        return "Chicken";
    }
}

abstract class FoodDecorator implements Food {
    protected Food food;

    public FoodDecorator(Food food) {
        this.food = food;
    }

    public double getCost() {
        return food.getCost();
    }

    public String getDescription() {
        return food.getDescription();
    }
}

class Chinese extends FoodDecorator {
    public Chinese(Food food) {
        super(food);
    }

    @Override
    public double getCost() {
        return super.getCost() + 2.0;
    }

    @Override
    public String getDescription() {
        return super.getDescription() + " Chinese";
    }
}

class Biryani extends FoodDecorator {
    public Biryani(Food food) {
        super(food);
    }

    @Override
    public double getCost() {
        return super.getCost() + 4.0;
    }

    @Override
    public String getDescription() {
        return super.getDescription() + " Biryani";
    }
```

```
}

class ChickenCurry extends FoodDecorator {
    public ChickenCurry(Food food) {
        super(food);
    }

    @Override
    public double getCost() {
        return super.getCost() + 3.0;
    }

    @Override
    public String getDescription() {
        return super.getDescription() + " with Chicken Curry";
    }
}

class Roast extends FoodDecorator {
    public Roast(Food food) {
        super(food);
    }

    @Override
    public double getCost() {
        return super.getCost() + 4.0;
    }

    @Override
    public String getDescription() {
        return super.getDescription() + " Roast";
    }
}

class Beef extends FoodDecorator {
    public Beef(Food food) {
        super(food);
    }

    @Override
    public double getCost() {
        return super.getCost() + 3.0;
    }

    @Override
    public String getDescription() {
        return super.getDescription() + " with Beef";
    }
}

class Mutton extends FoodDecorator {
    public Mutton(Food food) {
        super(food);
    }

    @Override
    public double getCost() {
        return super.getCost() + 3.0;
    }

    @Override
    public String getDescription() {
        return super.getDescription() + " with Mutton";
    }
}

class Pizza extends FoodDecorator {
    public Pizza(Food food) {
        super(food);
    }

    @Override
    public double getCost() {
        return super.getCost() + 8.0;
    }

    @Override
    public String getDescription() {
        return super.getDescription() + " Pizza";
    }
}

class Burger extends FoodDecorator {
    public Burger(Food food) {
        super(food);
    }
```

```java
    @Override
    public double getCost() {
        return super.getCost() + 6.0;
    }

    @Override
    public String getDescription() {
        return super.getDescription() + " Burger";
    }
}
public class Main {
    public static void main(String[] args) {

        Food rice = new Rice();
        Food meat = new Meat();
        Food chicken = new Chicken();



        Food chineseRice = new Chinese(new Rice());
        Food biryaniRice = new Biryani(new Rice());
        Food chickenCurry = new ChickenCurry(new Chicken());
        Food roastMeat = new Roast(new Meat());
        Food beefMeat = new Beef(new Meat());
        Food muttonMeat = new Mutton(new Meat());
        Food pizzaFastFood = new Pizza(new FastFood());
        Food burgerFastFood = new Burger(new FastFood());

        System.out.println("Cost: " + rice.getCost() + ", Description: " + rice.getDescription());
        System.out.println("Cost: " + meat.getCost() + ", Description: " + meat.getDescription());
        System.out.println("Cost: " + chicken.getCost() + ", Description: " + chicken.getDescription());


        System.out.println("Cost: " + chineseRice.getCost() + ", Description: " + chineseRice.getDescription());

        System.out.println("Cost: " + biryaniRice.getCost() + ", Description: " + biryaniRice.getDescription());

        System.out.println("Cost: " + chickenCurry.getCost() + ", Description: " + chickenCurry.getDescription());

        System.out.println("Cost: " + roastMeat.getCost() + ", Description: " + roastMeat.getDescription());

        System.out.println("Cost: " + beefMeat.getCost() + ", Description: " + beefMeat.getDescription());

        System.out.println("Cost: " + muttonMeat.getCost() + ", Description: " + muttonMeat.getDescription());

        System.out.println("Cost: " + pizzaFastFood.getCost() + ", Description: " + pizzaFastFood.getDescription());

        System.out.println("Cost: " + burgerFastFood.getCost() + ", Description: " + burgerFastFood.getDescription());

    }

}
```