

8. MyPizzaFactory 결과

```
--- Making a My Style Clam Pizza ---  
Preparing My Style Clam Pizza  
Tossing dough...  
Adding sauce...  
Adding toppings:  
    Cheese  
    Frozen Clams from Chesapeake Bay  
Baking My Style Clam Pizza  
Cutting the pizza  
Boxing My Style Clam Pizza  
--- Making a My Style Cheese Pizza ---  
Preparing My Style Cheese Pizza  
Tossing dough...  
Adding sauce...  
Adding toppings:  
    Cheese  
Baking My Style Cheese Pizza  
Cutting the pizza  
Boxing My Style Cheese Pizza  
  
Process finished with exit code 0
```

9. NYyPizzaFactory, ChicagoyPizzaFactory 결과

```
--- Making a NY Style Clam Pizza ---
Preparing NY Style Clam Pizza
Tossing dough...
Adding sauce...
Adding toppings:
    Grated Reggiano Cheese
    Fresh Clams from Long Island Sound
Baking NY Style Clam Pizza
Cutting NY Style Clam Pizza
Boxing NY Style Clam Pizza
--- Making a NY Style Sauce and Cheese Pizza -
Preparing NY Style Sauce and Cheese Pizza
Tossing dough...
Adding sauce...
Adding toppings:
    Grated Reggiano Cheese
Baking NY Style Sauce and Cheese Pizza
Cutting NY Style Sauce and Cheese Pizza
Boxing NY Style Sauce and Cheese Pizza

Process finished with exit code 0
|
```

```
--- Making a Chicago Style Clam Pizza ---
Preparing Chicago Style Clam Pizza
Tossing dough...
Adding sauce...
Adding toppings:
    Shredded Mozzarella Cheese
    Frozen Clams from Chesapeake Bay
Baking Chicago Style Clam Pizza
Cutting the pizza into square slices
Boxing Chicago Style Clam Pizza
--- Making a Chicago Style Deep Dish Cheese Pizza ---
Preparing Chicago Style Deep Dish Cheese Pizza
Tossing dough...
Adding sauce...
Adding toppings:
    Shredded Mozzarella Cheese
Baking Chicago Style Deep Dish Cheese Pizza
Cutting the pizza into square slices
Boxing Chicago Style Deep Dish Cheese Pizza

Process finished with exit code 0
```

PizzaFactory.java

```
package Mid_Term;

public abstract class PizzaFactory {

    public abstract Pizza getClamPizza();
    public abstract Pizza getCheesePizza();
    public abstract Pizza getPepperoniPizza();
    public abstract Pizza getVeggiePizza();

}
```

NYPizzaFactory.java

```
package Mid_Term;

public class NYPizzaFactory extends PizzaFactory{
    public Pizza getClamPizza(){return new NYStyleClamPizza();}
    public Pizza getCheesePizza(){return new NYStyleCheesePizza();}
    public Pizza getPepperoniPizza(){return new NYStylePepperoniPizza();}
    public Pizza getVeggiePizza(){return new NYStyleVeggiePizza();}
}
```

ChicagoPizzaFactory.java

```
package Mid_Term;

public class ChicagoPizzaFactory extends PizzaFactory{
    public Pizza getClamPizza(){return new ChicagoStyleClamPizza();}
    public Pizza getCheesePizza(){return new ChicagoStyleCheesePizza();}
    public Pizza getPepperoniPizza(){return new
ChicagoStylePepperoniPizza();}
    public Pizza getVeggiePizza(){return new ChicagoStyleVeggiePizza();}
}
```

MyPizzaStore.java

```
package Mid_Term;
public class MyPizzaStore {
    PizzaFactory pizzaFactory;

    public MyPizzaStore(PizzaFactory pizzaFactory){
        this.pizzaFactory = new MyPizzaFactory(); //5 번 내용에 대하여 남겨둠
        this.pizzaFactory = pizzaFactory;
    }
    public Pizza createPizza(String type) {
        if (type.equals("cheese")) {
            return pizzaFactory.getCheesePizza();
        } else if (type.equals("pepperoni")) {
            return pizzaFactory.getPepperoniPizza();
        } else if (type.equals("clam")) {
            return pizzaFactory.getClamPizza();
        } else if (type.equals("veggie")) {
            return pizzaFactory.getVeggiePizza();
        }
        return null;
    }

    public Pizza orderPizza(String type) {
        Pizza pizza = createPizza(type);
        System.out.println("--- Making a " + pizza.getName() + " ---");
        pizza.prepare();
        pizza.bake();
    }
}
```

```
    pizza.cut();  
    pizza.box();  
    return pizza;  
}  
}
```