

Name : Jay Lapani

Div : 3 G5

Assignment-2

Builder Design Pattern

```
class Food {  
  
    private String Name;  
    private String Catagory;  
    private String Type;  
    private int Price;  
  
    public Food(String Name, String Catagory, String Type, int Price) {  
        super();  
        this.Name = Name;  
        this.Catagory = Catagory;  
        this.Type = Type;  
        this.Price = Price;  
    }  
  
    public String toString() {  
        return "Food [Name=" + Name + ",Catagory=" + Catagory + ",Type=" +  
        Type + ",Price=" + Price + "];"  
    }  
}
```

```
class FoodBuilder {  
    private String Name;  
    private String Catagory;  
    private String Type;  
    private int Price;  
  
    public FoodBuilder setName(String Name) {  
        this.Name = Name;  
        return this;  
    }  
  
    public FoodBuilder setCatagory(String Catagory) {  
        this.Catagory = Catagory;  
        return this;  
    }  
  
    public FoodBuilder setType(String Type) {  
        this.Type = Type;  
        return this;  
    }  
  
    public FoodBuilder setPrice(int Price) {  
        this.Price = Price;  
        return this;  
    }  
}
```

```

    public Food getFood() {
        return new Food(Name, Catagory, Type, Price);
    }
}

public class builder {
    public static void main(String[] args) {
        Food f = new FoodBuilder().setName("Indian").setPrice(100).getFood();
        System.out.println(f);
    }
}

```

OUTPUT :

PS D:\DP> c

> cd "d:\DP\" ; if (\$?) { javac builder.java } ; if (\$?) { java builder }

Food [Name=Indian,Catagory=null,Type=null,Price=100]

PS D:\DP>