Experiment -2

Aim – Builder Method

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Topic – hotel / restaurant

There are 3 files Item.java , ItemBuilder.java , Hotel.java (main function)

//

Item.java

```java
package restaurant;

public class Item {
    String pizza;
    String sandwich;
    String burger;
    public Item(String pizza , String sandwich , String burger ){
        super();
        this.pizza = pizza;
        this.sandwich = sandwich;
        this.burger = burger;
    }

    public String toString(){
        return "Item [ pizza = " + pizza + " , sandwich = " + sandwich + " , burger = " + burger + "] ";
    }
}
```

ItemBuilder.java

```java
package restaurant;

public class ItemBuilder {
    String pizza;
    String sandwich;
    String burger;

    public ItemBuilder setPizza( String pizza){
        this.pizza = pizza;
        return this;
    }
    public ItemBuilder setSandwich( String sandwich){
        this.sandwich = sandwich;
        return this;
    }

    public ItemBuilder setBurger( String burger){
        this.burger = burger;
```

```
        return this;
    }
    public Item getItem(){
        return new Item(pizza , sandwich , burger);
    }
}
```

Hotel.java

```
package restaurant;

public class Hotel {

//   public static void main(String[] args) {
//       Item i = new Item("farm-delight" , "grill-sandwich" , "mexican-burger");
//       System.out.println(i);
//   }

    public static void main(String[] args) {
        Item i = new ItemBuilder().setSandwich("falafal").getItem();
        System.out.println(i);
    }

}
```

Output:-

Item [pizza = null , sandwich = falafal , burger = null]