Superset ID:6413402

**Exercise 3: Builder Pattern**

Code:

class Computer {

private String CPU;

private String RAM;

private String storage;

private Computer(Builder builder) {

this.CPU = builder.CPU;

this.RAM = builder.RAM;

this.storage = builder.storage;

}

public static class Builder {

private String CPU;

private String RAM;

private String storage;

public Builder setCPU(String cpu) {

this.CPU = cpu;

return this;

}

public Builder setRAM(String ram) {

this.RAM = ram;

return this;

}

public Builder setStorage(String storage) {

this.storage = storage;

return this;

}

public Computer build() {

return new Computer(this);

}

}

public String toString() {

return "Computer [CPU=" + CPU + ", RAM=" + RAM + ", Storage=" + storage + "]";

}

}public class TestBuilder {

public static void main(String[] args) {

Computer comp1 = new Computer.Builder()

.setCPU("Intel i5")

.setRAM("8GB")

.setStorage("512GB SSD")

.build();

Computer comp2 = new Computer.Builder()

.setCPU("AMD Ryzen 7")

.setRAM("16GB")

.build();

System.out.println(comp1);

System.out.println(comp2);

}

}

OUTPUT:

Computer [CPU=Intel i5, RAM=8GB, Storage=512GB SSD]

Computer [CPU=AMD Ryzen 7, RAM=16GB, Storage=null]

