**BuilderPatternExample**

**CODE :**

**Computer.java**

public class Computer {

    private String CPU;

    private String RAM;

    private String storage;

    private String graphicsCard;

    private boolean isBluetoothEnabled;

private Computer(Builder builder) {

        this.CPU = builder.CPU;

        this.RAM = builder.RAM;

        this.storage = builder.storage;

        this.graphicsCard = builder.graphicsCard;

        this.isBluetoothEnabled = builder.isBluetoothEnabled;

    }

public String toString() {

        return "Computer [CPU=" + CPU + ", RAM=" + RAM +

               ", Storage=" + storage + ", GraphicsCard=" + graphicsCard +

               ", Bluetooth=" + isBluetoothEnabled + "]";

    }

public static class Builder {

        private String CPU;

        private String RAM;

private String storage;

        private String graphicsCard;

        private boolean isBluetoothEnabled;

public Builder(String CPU, String RAM) {

            this.CPU = CPU;

            this.RAM = RAM;

        }

public Builder setStorage(String storage) {

            this.storage = storage;

            return this;

        }

public Builder setGraphicsCard(String graphicsCard) {

            this.graphicsCard = graphicsCard;

            return this;

        }

public Builder setBluetoothEnabled(boolean isBluetoothEnabled) {

            this.isBluetoothEnabled = isBluetoothEnabled;

            return this;

        }

public Computer build() {

            return new Computer(this);

        }

    }

}

**BuilderPatternTest.java**

public class BuilderPatternTest {

    public static void main(String[] args) {

        Computer basicComputer = new Computer.Builder("Intel i5", "8GB")

                .build();

        Computer gamingComputer = new Computer.Builder("AMD Ryzen 9", "32GB")

                .setGraphicsCard("NVIDIA RTX 4080")

                .setStorage("2TB SSD")

                .setBluetoothEnabled(true)

                .build();

Computer officePC = new Computer.Builder("Intel i7", "16GB")

                .setStorage("512GB SSD")

                .setBluetoothEnabled(false)

                .build();

  System.out.println(basicComputer);

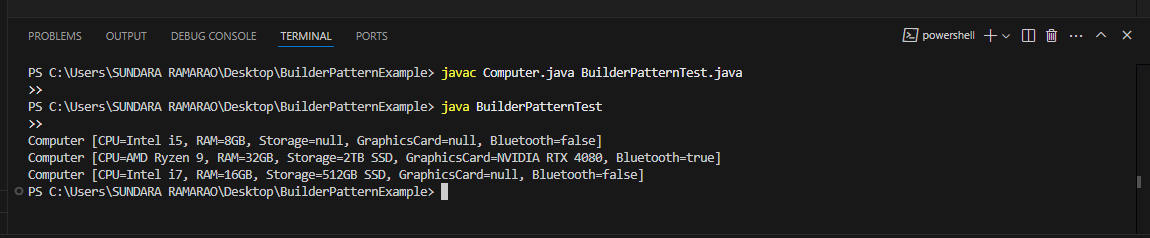
        System.out.println(gamingComputer);

        System.out.println(officePC);

    }

}

**OUTPUT :**

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