**package** builderpattern;

**public** **class** Phone {

**private** String os;

**private** **int** ram;

**private** String processor;

**private** **double** screenSize;

**private** **int** battery;

**public** Phone(String os, **int** ram, String processor, **double** screenSize, **int** battery) {

**super**();

**this**.os = os;

**this**.ram = ram;

**this**.processor = processor;

**this**.screenSize = screenSize;

**this**.battery = battery;

}

@Override

**public** String toString() {

**return** "Phone [os=" + os + ", ram=" + ram + ", processor=" + processor + ", screenSize=" + screenSize

+ ", battery=" + battery + "]";

}

}

**package** builderpattern;

**public** **class** PhoneBuilder {

**private** String os;

**private** **int** ram;

**private** String processor;

**private** **double** screenSize;

**private** **int** battery;

**public** PhoneBuilder setOs(String os) {

**this**.os = os;

**return** **this**;

}

**public** PhoneBuilder setRam(**int** ram) {

**this**.ram = ram;

**return** **this**;

}

**public** PhoneBuilder setProcessor(String processor) {

**this**.processor = processor;

**return** **this**;

}

**public** PhoneBuilder setScreenSize(**double** screenSize) {

**this**.screenSize = screenSize;

**return** **this**;

}

**public** PhoneBuilder setBattery(**int** battery) {

**this**.battery = battery;

**return** **this**;

}

**public** Phone getphone() {

**return** **new** Phone(os, ram, processor, screenSize, battery);

}

}

**package** builderpattern;

**public** **class** Shop {

**public** **static** **void** main(String[] args) {

Phone p = **new** PhoneBuilder().setOs("android").getphone();

Phone p1 = **new** PhoneBuilder().setOs("ios").getphone();

System.***out***.println(p);

System.***out***.println(p1);

}

}

String[] atp = {"Rafael Nadal", "Novak Djokovic", "Stanislas Wawrinka", "David Ferrer", "Roger Federer", "Andy Murray", "Tomas Berdych", "Juan Martin Del Potro"};

List<String> players = Arrays.asList(atp);

// Old looping

for (String player : players) {

System.out.print(player + "; ");

}

// Using lambda expression and functional operations

players.forEach((player) -> System.out.print(player + "; "));

// Using double colon operator in Java 8

players.forEach(System.out::println);