```java
public class Client {
    // Stampa i nomi dei prodotti.
    private static void printNames(ProductA productA, ProductB productB) {
        System.out.println(productA.getName());
        System.out.println(productB.getName());
    }

    public static void main(String[] args) {
        // Factory 1
        AbstractFactory abstractFactory = new ConcreteFactory1();
        AbstractProductA productA = abstractFactory.createProductA();
        AbstractProductB productB = abstractFactory.createProductB();
        printNames(productA, productB); // stampa: A1 B1

        // Factory 2
        abstractFactory = new ConcreteFactory2();
        productA = abstractFactory.createProductA();
        productB = abstractFactory.createProductB();
        printNames(productA, productB); // stampa: A2 B2
    }
}
```

AbstractFactory

+ createProductA()
+ createProductB()

```java
public abstract class AbstractFactory {
    // Crea il prodotto A.
    public abstract AbstractProductA createProductA();

    //Crea il prodotto B.
    public abstract AbstractProductB createProductB();
}
```

ConcreteFactory1

+ createProductA()
+ createProductB()

```java
public class ConcreteFactory1 extends AbstractFactory {
    // Crea il prodotto A.
    public AbstractProductA createProductA() {
        return new ConcreteProductA1();    }

    // Crea il prodotto B.
    public AbstractProductB createProductB() {
        return new ConcreteProductB1();    }
}
```

ConcreteFactory2

+ createProductA()
+ createProductB()

```java
public class ConcreteFactory2 extends AbstractFactory {
    // Crea il prodotto A.
    public AbstractProductA createProductA() {
        return new ConcreteProductA2();    }

    // Crea il prodotto B.
    public AbstractProductB createProductB() {
        return new ConcreteProductB2();    }
}
```

AbstractProductA

+ getName()

```java
public abstract class AbstractProductA
{
    // Ritorna il nome del prodotto A.
    public abstract String getName();
}
```

ConcreteProductA1

+ getName()

```java
public class ConcreteProductA1 extends AbstractProductA {
    // Ritorna il nome del prodotto A.
    public String getName() { return "A1"; }
}
```

ConcreteProductA2

+ getName()

```java
public class ConcreteProductA2 extends AbstractProductA {
    // Ritorna il nome del prodotto A.
    public String getName() { return "A2"; }
}
```

AbstractProductB

+ getName()

```java
public abstract class AbstractProductB
{
    // Ritorna il nome del prodotto B.
    public abstract String getName();
}
```

ConcreteProductB1

+ getName()

```java
public class ConcreteProductB1 extends ProductB {
    // Ritorna il nome del prodotto B.
    public String getName() { return "B1"; }
}
```

ConcreteProductB2

+ getName()

```java
public class ConcreteProductB2 extends ProductB {
    // Ritorna il nome del prodotto B.
    public String getName() { return "B2"; }
}
```