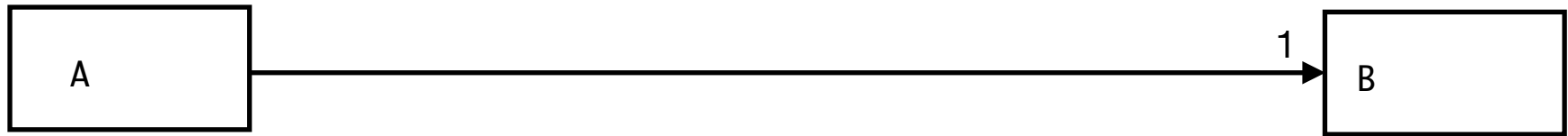


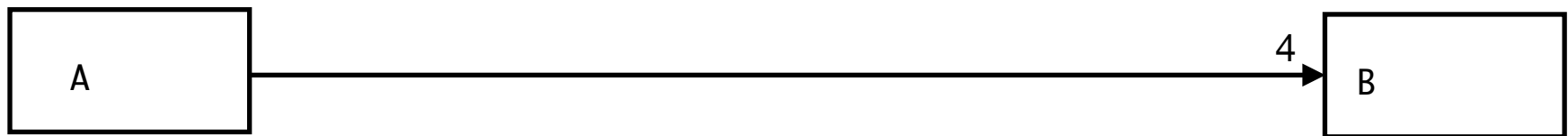
CPS122 - OBJECT-ORIENTED SOFTWARE DEVELOPMENT

Correlation of UML Class Diagram Notation and Java Collection Declarations



```
class A
{
    private B b
```

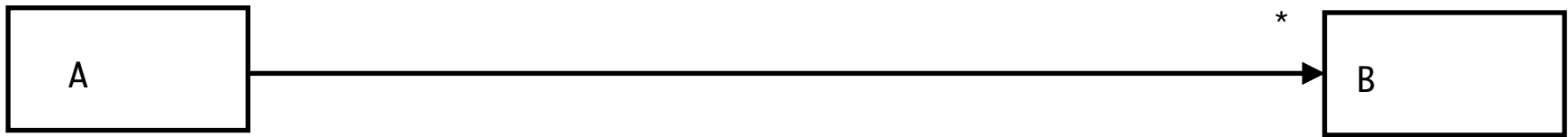
```
class B
{
    private String id;
```



```
class A
{
    private B [] b = new B[4];
```

```
class B
{
    private String id;
```

*

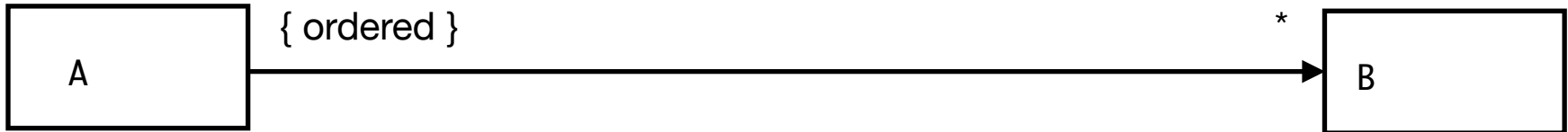


```

class A
{
    private Collection<B> b
  }
  
```

```

class B
{
    private String id;
  }
  
```

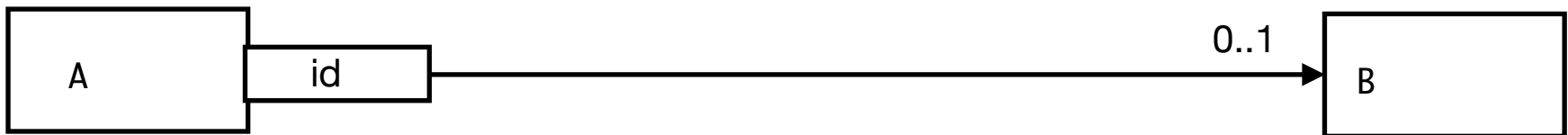


```

class A
{
    private List<B> b
  }
  
```

```

class B
{
    private String id;
  }
  
```



```

class A
{
    private Map<String, B> b
  }
  
```

```

class B
{
    private String id;
  }
  
```