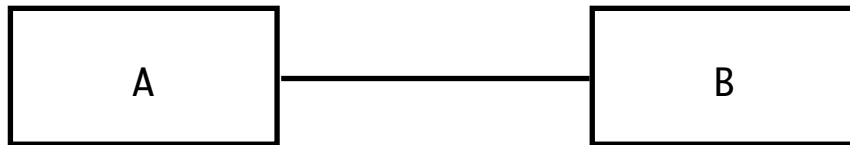


CPS122 - OBJECT-ORIENTED SOFTWARE DEVELOPMENT

Navigability and Multiplicity

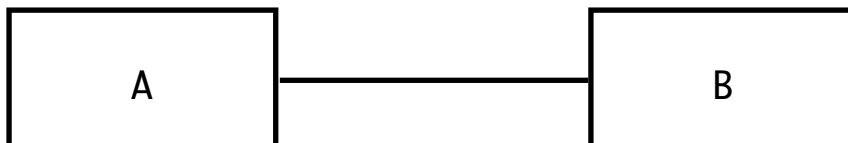
Given two classes connected by an association



Add navigability and multiplicity decorations to the association if the code for the two classes is as follows:

```
class A
{
    private Set<B> b;
}
```

```
class B
{
}
```

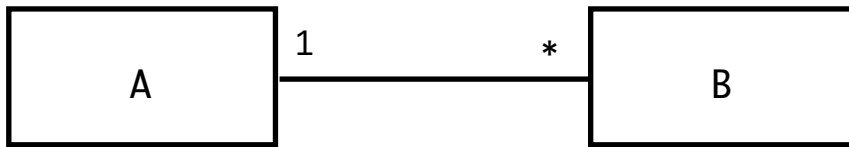


Repeat if the code for the two classes is as follows:

```
class A
{
    private B b;
}
```

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

Given an association decorated as follows:



Fill in code below that corresponds to the decorations:

```
class A
{
```

```
class B
{
```

```
}
```

```
}
```

What would change in the code if there were a navigability arrow at the "B" end of the association?