

Inheritance!

Giving feedback on your pair partner (TPS report)

<https://te-reign.azureedge.net/>

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Subclass and superclass / Child class and parent class / Base class and Derived class

IS-A

An alarm clock IS-A clock

HAS-A

Grandparent, parent, child classes example (courtesy of Dan):

```
public class Organism {...}
```

```
public class Animal {...}
```

```
public class Cat {...}
```

```
public class Animal extends Organism {...}
```

```
public class Cat extends Animal {...}
```

Cat IS A Animal. Animal IS A Organism. Therefore, Cat IS A Organism

Parent of a parent example