**Polymorphism**

Single action can be performed in different ways.

Method overloading and overriding is an example of polymorphism.

**Upcasting:** parent class reference variable to subclass object.

**Static/Compile time/Early Binding:**

* **Early:** Before running the program method has been binded.
* **Compile time:** At compilation itself we have decided which method to call.

**Runtime-polymorphism/dynamic method dispatch/ late binding:**

* Before running the program method has not been binded.
* Call to overridden method will be resolved at run time.
* At runtime, JVM will decide which method to call.

**Method Overloading:**

Method can be overloaded if only if method has same name but different signature.

Signature: number of parameters, type of parameters, order of parameters etc.

**Method Overriding:**

If subclass (child class) has the same method as declared in the parent class.