# Static and dynamic binding in java

* Association of method call to the method body is known as binding.
* There are two types of binding: **Static Binding** that happens at compile time and **Dynamic Binding** that happens at runtime.

Before we progress, discuss some terms;

***What is reference and object?***

class Human{

....

}

class Boy extends Human{

public static void main( String args[]) {

/\*This statement simply creates an object of class

\*Boy and assigns a reference of Boy to it\*/

Boy obj1 = new Boy();

/\* Since Boy extends Human class. The object creation

\* can be done in this way. Parent class reference

\* can have child class reference assigned to it

\*/

Human obj2 = new Boy();

}

}