









Class-based (Java)	Prototype-based (JavaScript)
Class and instance are distinct entities.	All objects are instances.
Define a class with a class definition; instantiate a class with constructor methods.	Define and create a set of objects with constructor functions.
Create a single object with the new operator.	Same.
Construct an object hierarchy by using class definitions to define subclasses of existing classes.	Construct an object hierarchy by assigning an object as the prototype associated with a constructor function.
Inherit properties by following the class chain.	Inherit properties by following the prototype chain.
Class definition specifies <i>all</i> properties of all instances of a class. No way to add properties dynamically at runtime.	Constructor function or prototype specifies an <i>initial set</i> of properties. Can add or remove properties dynamically to individual objects or to the entire set of objects.



