



INTERVIEW READY

Composition vs Inheritance



Composition

Composition depicts the "Has-a" relationship.

Inheritance

Inheritance depicts an "Is-a" relationship.





Composition

Easier to change the implementation of containing objects.

Inheritance

When one implementation changes the entire hierarchy of inheritance changes.



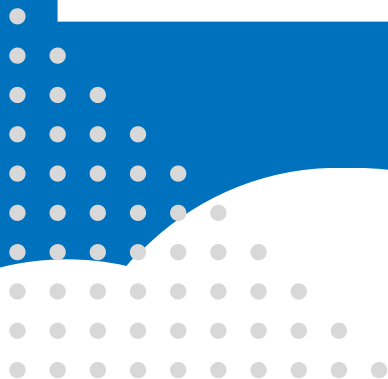


Composition

Has a dynamic or run-time binding.

Inheritance

Has a static or compile time binding.





Composition

The front-end class interface can be changed easily without impacting the back-end classes

Inheritance

Any changes in methods or prototypes affect all classes.





Composition

Used when we do not need to add more characteristics or features to an existing object.

Inheritance

Used when more features are to be added to inherited classes.





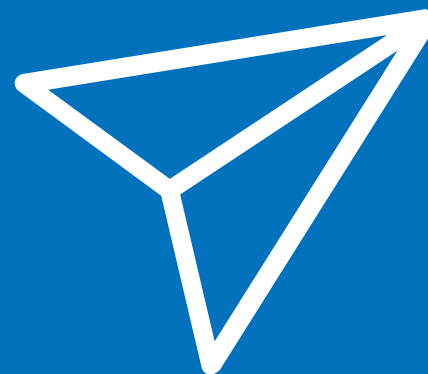
Like



Comment



Save



Share

