

**Can a class inherit multiple classes in java?
justify your answer.**

A class can not inherit multiple classes in java because handling the complexity that causes due to multiple inheritance is very complex, the reason behind of this, is to prevent or avoid ambiguity, for better understanding let's consider a case where class C extends to class A and class B, both class A and class B has the same method display().

Therefore, the java compiler will not be able to decide which display method it should inherit because class C extends to class A and class which have the same method called display().

**Can a class implement multiple interfaces?
justify your answer.**

Yes a class can implement more than two interfaces, because like a class interface contains attributes and methods, but method for interface is abstract, means that a class can implement more than one interface which can contain default methods that have the same name. There is no ambiguity between interface method