Q1.

When a class is being inherited from more than one class then it is called Multiple Inheritance. But java programming language does not support multiple inheritance because it will result in Diamond Problem. It is a problem in which the compiler gets confused when the child class calls a function from the parent class and compiler don’t know which parent’s class function to call.

Solution: Java supports multiple inheritance with interfaces. In java, a class can implement multiple interfaces because there will be only one implementation of the function.