**Q.N 1.** **Difference between an interface and an abstract class?**

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| **Abstract class** | **Interface Class** |
| * Abstract class is a class which contains one or more abstract method, which has to be implement by its sub-classes**.** | * Interface is the java object containing method declaration but no implementation. The classes which implement the interface must provide method definition for all the methods. |
| * Abstract class is a class prefix with an abstract keyword followed by class definition**.** | * Interface is the pure abstract class which start with interface keyword. |
| * Abstract class can also contain concrete methods**.** | * Whereas, interface contain all abstract class and final variable declaration. |
| * In abstract class at least one method should be implemented. | * Interface class is not necessary to implement method. |