1. What is abstract in java?

* A class that is declared with abstract keyword, is known as abstract class in java
* It can be abstract and non-abstract methods (method with body)
* We can’t be instantiated in a abstract class
* Abstract class will help you to implement the method of interface based on your requirement

1. What is abstract method?

* A method that is declared as abstract and does not have implemented is known as abstract method

1. Is possible to create an instance of abstract class using new keyword in java?

* In java we can’t create an instance of the abstract class using new operator, it’s get compiler error, though abstract class can have a constructor

1. What dose abstract keyword?

* Abstract is a keyword in java, which can be used both class and method
* Abstract class can contain both abstract and concrete method
* A class automatically becomes abstract when any of its methods declared as abstract

1. Is possible declared a variable as abstract

* In java, a variable can’t be declared as abstract, its only class, or method which would be abstract

1. What does extend keyword work in abstract?

* If a class extends an abstract class or interface it has to provide implementation to all its abstract method to be a concrete class

1. Is possible to create an object in abstract class?

* In abstract class all the method are unimplemented and not allow to declared a variable or method as static, so when we will create an object that object will get one copy of all non static method and variable, but in abstract class all the method are not implemented, though we are able to create an object but method are not implemented so we can’t call the method , that’s why in java abstract class object create are not allow

1. What is the difference between interface and abstract class in java?

* Interface are rules that provides only method declarations and not the implementation
* Interface give the idea what is to be done but not how it will be done, so implementation completely depend on the developer given signature of method
* Abstract doesn’t support multiple inheritance
* Abstract classes may contain abstract declarations, concrete implementations, or both, but implementation cannot have concrete implementation
* Interface support multiple inheritance