Module 9:

**Java 8 features**

1. From java8 onward interface can contains method with body. But that method must be default or static.
2. If method is default as well as the class which implements that interface no need to provide the body. But if we want to override you can override default method static method can’t override.
3. The interface static method you need to call interfaceName.methodName()
4. Functional interface: the interface contains only one abstract method. it can contain more than one default or static but only one abstract method is known as functional interface.
5. **Lambda expression :** using lambda expression from java8 onward we can achieve functional programming concept(function within another function). Lambda provide the features an **anonymous method**. using lambda we can provide the body for functional interface method without writing explicit class. it is use to write shortest method logic. If we want to use lambda concept we need functional interface. In lambda expression it return value without return keyword. if we write multi line statement you need to return mandatory with curly braces method.

Syntax

interfaceName objectReferceName = (parameterList)->statement;