**LAMBDA EXPRESSION ASSIGNMENT**

**Q1. What is the lambda expression of java 8?  
Ans**. Basically the lambda expression is used to optimize the code , and make code more efficient and simple, we used ( - > arrow) to express or write lambda expression.

**Q2. Can you pass lambda expression to a method? when?  
Ans**. Yes, we can pass lambda expression to a method when method is in functional interface. Because lambda expression is work only in functional interface. In which we have only one abstract method.

**Q3. What is the functional interface in java 8?  
Ans.** Basically the interface has 3 types:-

* **Single abstract method interface or Functional interface**
* **Normal method interface**
* **Marker interface**
* So the functional interface states that, the interface which have only one abstract method inside it known as functional interface and we can use lambda expression in one functional interface only.  
  To make any interface as functional interface , then we can use following annotated just above of the interface @FunctionalInterface.  
  ex:- **Java.lang.Runnable  
  java.lang.Comparable**

**Q4. What is the benefit of lambda expression in java 8?  
Ans.** 1. It works only one functional interface.  
2. It reduce coding.  
3. It make code optimize.  
4. Reduce time as well.

**Q5. Is it mandatory for lambda expression to have parameters?  
Ans.** No