**Java 8 Assignments**

1. Create an ArrayList of Employee( id,name,address,sal) objects and retrieve objects from ArrayList by using forEach() method of Iterable interface.
2. Code the following
   1. Instrument interface with play method
   2. Guitar and Piano are instruments with default play capability.
   3. There is a new Electronic instrument which can play both Piano and Guitar.
3. Create an interface WordCount with single abstract method int count(String str) to count no.of words in a given string. Implement count(String str) method by using Lambda expression in an implementation class MyClassWithLambda & invoke it to display the result on the console.
4. Add following Ideas to Assignment 1
5. Along with getters & setters add a static method static int compareBySal(Employee e1,Employee e2) to compare employee objects based on salaries.
6. Use Collections.sort (-,-) method to compare employee objects of Array List.
7. Invoke compareBySal() method by using Method Reference and pass it as second argument to the sort() method.
8. Write a java class to find the date of next month second Sunday by using java time API.
9. Write a java class to calculate your experience (no.of years, no.of months &no.of days) in Wipro by using java time API.
10. Create a java class to
11. Create a list of string objects
12. Count no.strings whose length is> 5
13. Count no.of empty strings
14. Find out empty strings & store them into new list by using Stream API.