**Java8**

1.Implimenting runnable interface in the following ways

* *By creating class*
* *By anonymous class*
* *Using lambda expressions.*

2.create a functional interface with name StringFormatter and with abstract method like below.

String format(String s1, String s2) use lambda expression to format the string in the following ways’

Input:s1= “lambda” s2= “expression”

Output: “lambda expression”, “lambda – expression”, “LAMBDA EXPRESSION”.

3.create a class employee with attributes id, name, salary, role, gender use streams to print the details for below scenarios.

*1. employees with role TA.*

*2. count of female employees.*

4.Given a String,Find the First Non-repeated Character in it using Stream functions.

5.For Employees working in Organisation Find Total Sum of Salary value using Stream API

6.Take a list of random Integers of size 10,Find out all Numbers starting with ‘1’

7. Take a List of Integers and sort it in descending order using Streams.