**Java-8 – Program to perform salary increment for employees using function**

* **Program:**

class Employee{

String name;

double salary;

Employee(String name, double salary){

this.name = name;

this.salary = salary;

}

public toString(){

return name+”:”+salary;

}

}

import java.util.List;

import java.util.ArrayList;

import java.util.function.Predicate;

import java.util.function.Function;

class Test{

public static void main(String[] args){

List<Employee> l = new ArrayList<>();

populate(l);

System.out.println(“Before Increment:”);

System.out.println(l);

Predicate<Employee> p = e -> e.salary < 3500;

Function<Employee, Employee> f = e -> {

e.salary=e.salary + 477;

return e;

};

System.out.println(“After Increment:”);

List<Employee> l2 = new ArrayList<>();

for(Employee e: l){

if(p.test(e)){

l2.add(f.apply(e));

}

}

System.out.println(l);

System.out.println(“Employees with incremented salary:”);

System.out.println(l2);

}

public static void populate(List<Employee> l){

l.add(new Employee(“Sunny”, 1000));

l.add(new Employee(“Bunny”, 2000));

l.add(new Employee(“Chinny”, 3000));

l.add(new Employee(“Pinny”, 4000));

l.add(new Employee(“Vinny”, 5000));

}

}