

2. Collection Add List PGM

Source Code:

```

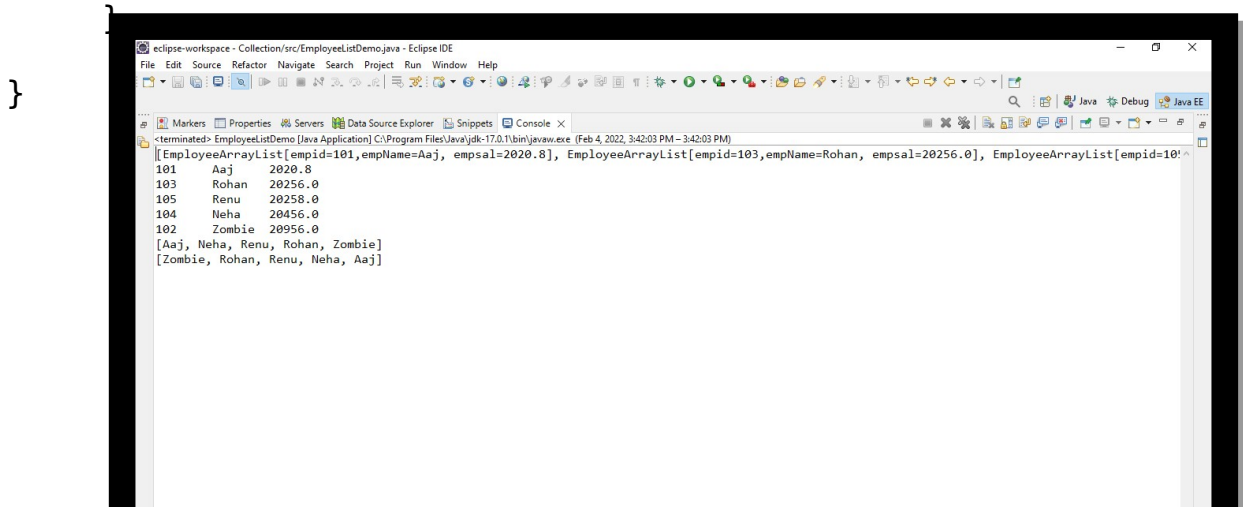
Public class Employee {
    private int empid;
    private String empName;
    private float empSal;
    public int getEmpid()
    {
        return empid;
    }
    public void setEmpid(int empid) {
        this.empid=empid;
    }
    public String getEmpName() {
        return empName;
    }
    public void setEmpName( String empName) {
        this.empName = empName;
    }
    public float getEmpSal() {
        return empSal;
    }
    public Employee(int empid,String empName,float empSal) {
        super();
        this.empid=empid;
        this.empName=empName;
        this.empSal=empSal;
    }
    public String toString()
{
    return "EmployeeArrayList[empid="+empid+",empName="+empName+",
    empsal="+empSal+"]";
}

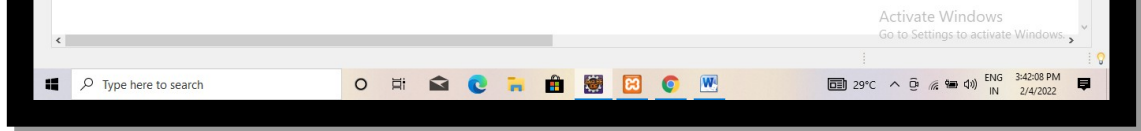
```

```
}  
}
```

Second Class to invoke methods

```
import java.util.ArrayList;  
import java.util.Collections;  
import java.util.Iterator;  
import java.util.List;  
  
public class EmployeeListDemo {  
  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
        List<Employee> employee = new ArrayList<Employee>();  
        Employee emp = new Employee(101, "Aaj", 2020.80f);  
        employee.add(emp);  
        employee.add(new Employee(103, "Rohan", 20256.f));  
        employee.add(new Employee(105, "Renu", 20258.f));  
        employee.add(new Employee(104, "Neha", 20456.f));  
        employee.add(new Employee(102, "Zombie", 20956.f));  
        System.out.println(employee);  
        Iterator it = employee.listIterator();  
        while(it.hasNext()) {  
            Employee emp = (Employee) it.next();  
            System.out.println(emp.getEmpid()+"\t"+emp.getEmpName()+"\  
t"+emp.getEmpSal());  
        }  
        ArrayList<String> al = new ArrayList<String>();  
        for(int i=0; i<employee.size(); i++) {  
            Employee emp = employee.get(i);  
            String name = emp.getEmpName();  
            al.add(name);  
        }  
        Collections.sort(al);  
        System.out.println(al);  
        Collections.reverse(al);  
        System.out.println(al);  
    }  
}
```





3. Collection Queue

Source Code:

```
package EmployeeListDemo;

import java.util.ArrayDeque;

public class QueueDemo {

    public static void main(String[] args) {
        ArrayDeque<String>arrayDeque=newArrayDeque<String>();
        arrayDeque.push("Rohan");
        arrayDeque.push("Raj");
        arrayDeque.push("Ravi");
        arrayDeque.push("Kunal");
        System.out.println(arrayDeque);
        arrayDeque.pop();
        System.out.println(arrayDeque);
        arrayDeque.pop();
        System.out.println(arrayDeque);

    }

}
```

