***BT20CSE212 AYUSH PRATAP SINGH***

***JAVA ASSIGNMENT QUESTION 1-Employee***

import java.util.\*;

import java.util.ArrayList;

import java.util.Iterator;

import java.util.Scanner;

class Employee {

    private int Emp\_id;

    private String Emp\_name;

    private String Date\_of\_joining;

    private String Emp\_Dep;

    Employee(int Emp\_id, String Emp\_name, String Date\_of\_joining, String Department) {

        this.Emp\_id = Emp\_id;

        this.Emp\_name = Emp\_name;

        this.Date\_of\_joining = Date\_of\_joining;

        this.Emp\_Dep = Department;

    }

    public int getEmp\_id() {

        return Emp\_id;

    }

    public String getDate\_of\_joining() {

        return Date\_of\_joining;

    }

    public String getEmp\_name() {

        return Emp\_name;

    }

    public String getEmp\_Dep() {

        return Emp\_Dep;

    }

    public String toString() {

        return Emp\_id + " " + Emp\_name + " " + Date\_of\_joining + " " + Emp\_Dep;

    }

}

class BT20CSE212 {

    public static void main(String[] args) {

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

        Scanner s = new Scanner(System.in);

        Scanner s1 = new Scanner(System.in);

        int ch;

        do {

            System.out.println("1.INSERT");

            System.out.println("2.DISPLAY");

            System.out.println("3.SEARCH");

            System.out.print("Enter Your Choice : ");

            ch = s.nextInt();

            switch (ch) {

            case 1:

                System.out.print("Enter Emp\_id : ");

                int eno = s.nextInt();

                System.out.print("Enter EmpName : ");

                String Emp\_name = s1.next();

                System.out.print("Enter Date\_of\_joining : ");

                String Date\_of\_joining = s.next();

                System.out.print("Enter Department : ");

                String Dept = s1.next();

                c.add(new Employee(eno, Emp\_name, Date\_of\_joining, Dept));

                break;

            case 2:

                System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

                Iterator<Employee> i = c.iterator();

                while (i.hasNext()) {

                    Employee Emp\_temp = i.next();

                    System.out.println(Emp\_temp);

                }

                System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

                break;

            case 3:

                boolean found = false;

                System.out.print("Enter Emp\_id to Search :");

                int Emp\_id = s.nextInt();

                System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

                i = c.iterator();

                while (i.hasNext()) {

                    Employee Emp\_temp = i.next();

                    if (Emp\_temp.getEmp\_id() == Emp\_id) {

                        System.out.println(Emp\_temp);

                        found = true;

                    }

                }

                if (!found) {

                    System.out.println("Record Not Found");

                }

                System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

                break;

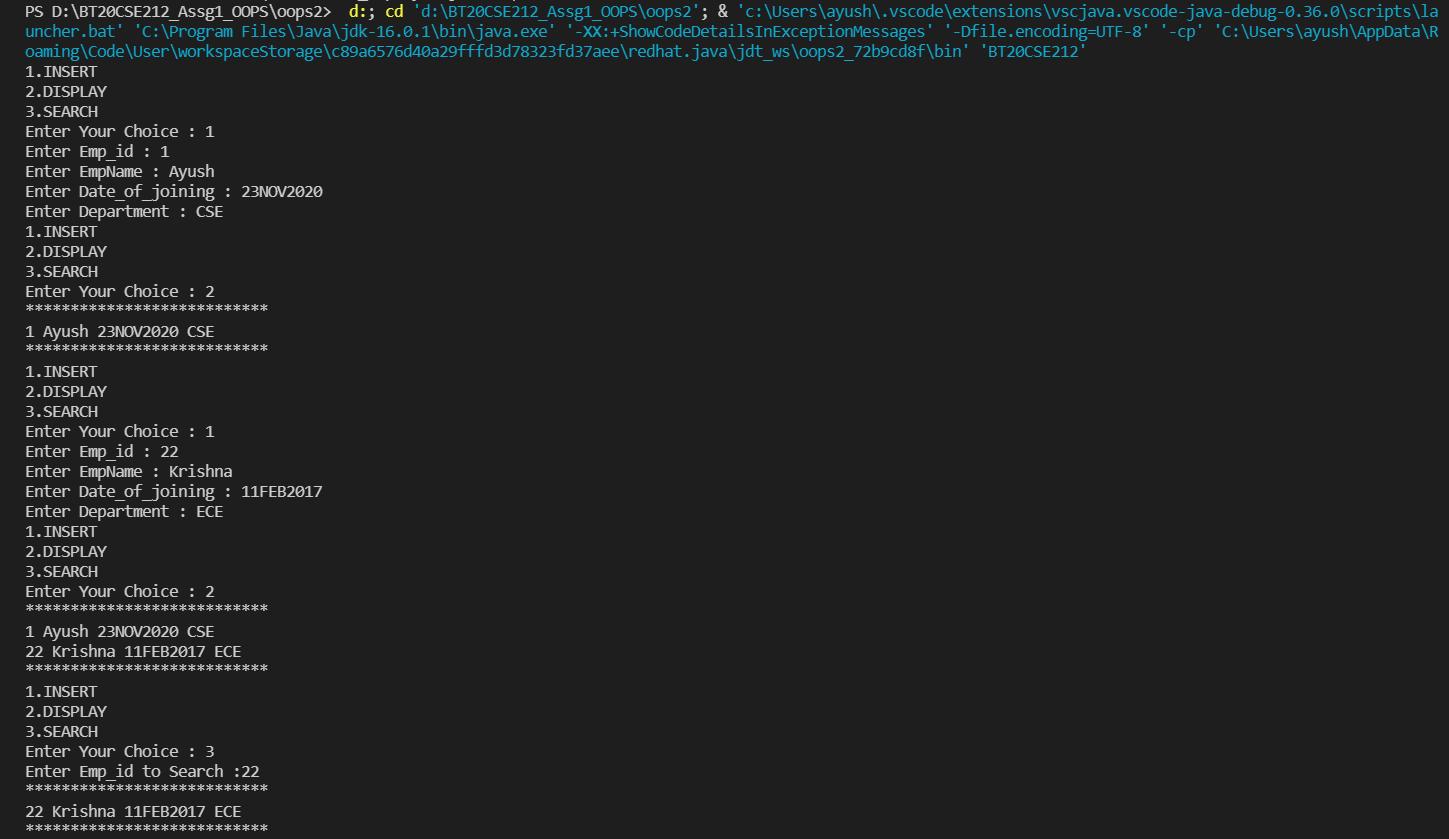
            }

        } while (ch != 0);

    }

}

***OUTPUT-***

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