

CE251: JAVA Programming

Internal Practical

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
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RESEARCH

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20DCS103 DEPSTAR CSE : 2 - Batch : B

MCQs:

- 1)** Compilation and output of "Not equal! 10".
- 2)** String str3 = 'a'+'b'+'c';
- 3)** Logical Exception
- 4)** Interface cannot implement a class
- 5)** public class B implements A { public void showA(){}} }

Programs :

SOURCECODE : 1

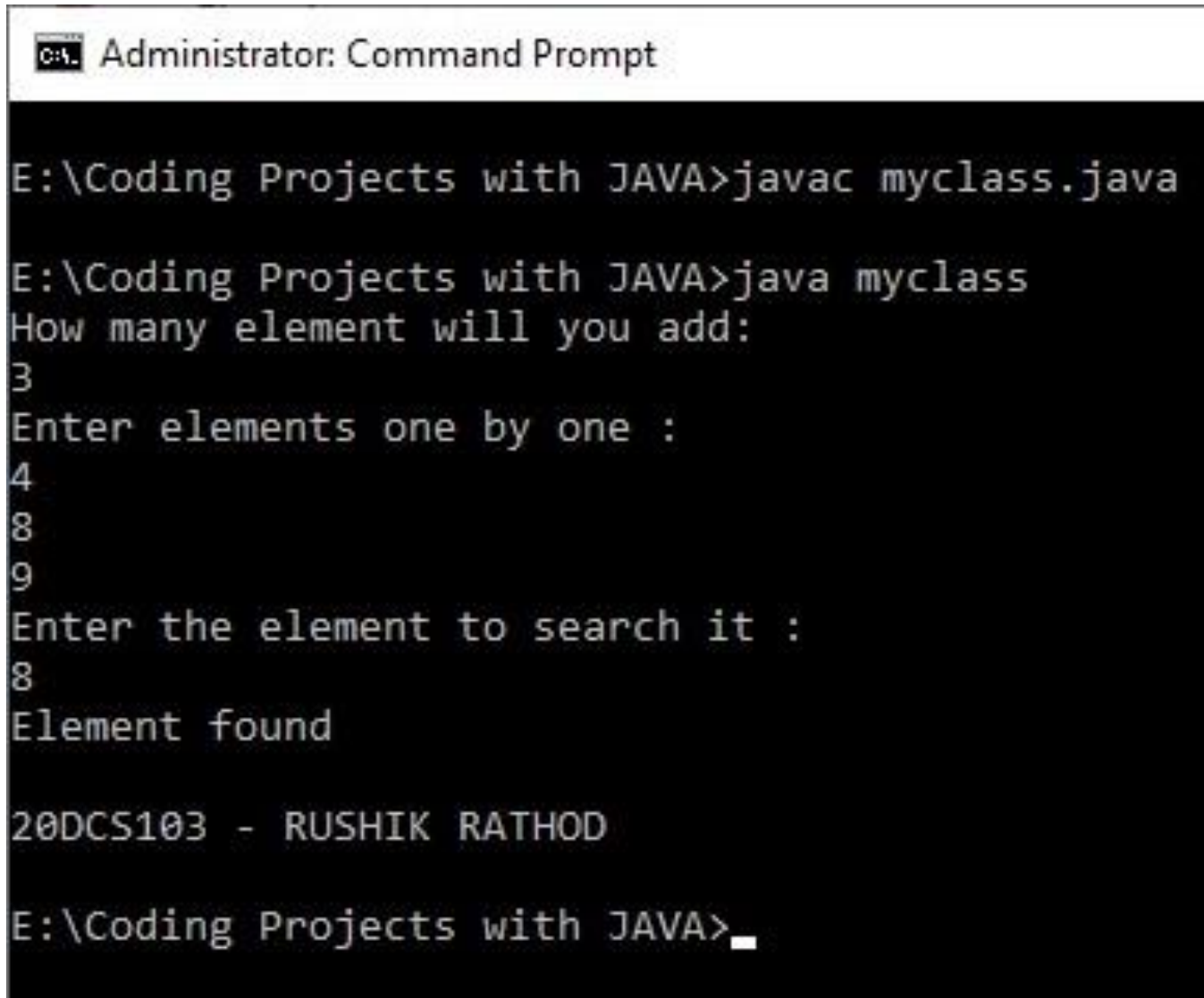
```
import java.util.*;

class myclass {
    public static boolean contains(int arr[], int n, int t) {
        for (int i = 0; i < n; ++i) {
            if (arr[i] == t) {
                return true;
            }
        }
        return false;
    }

    public static void main(String args[])
    {
        Scanner scanner = new Scanner(System.in);
        System.out.println("How many element will you add: ");
        int n = scanner.nextInt();
        int arr[] = new int[n];
        System.out.println("Enter elements one by one : ");

        for (int i = 0; i < n; ++i) {
            arr[i] = scanner.nextInt();
        }
        System.out.println("Enter the element to search it : ");

        int t = scanner.nextInt();
        if (contains(arr, n, t)) {
            System.out.println("Element found");
        } else {
            System.out.println("Element not found");
        }
        scanner.close();
        System.out.println("\n20DCS103 - RUSHIK RATHOD");
    }
}
```

OUTPUT:

```
Administrator: Command Prompt

E:\Coding Projects with JAVA>javac myclass.java

E:\Coding Projects with JAVA>java myclass
How many element will you add:
3
Enter elements one by one :
4
8
9
Enter the element to search it :
8
Element found

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E:\Coding Projects with JAVA>
```

SOURCECODE : 2

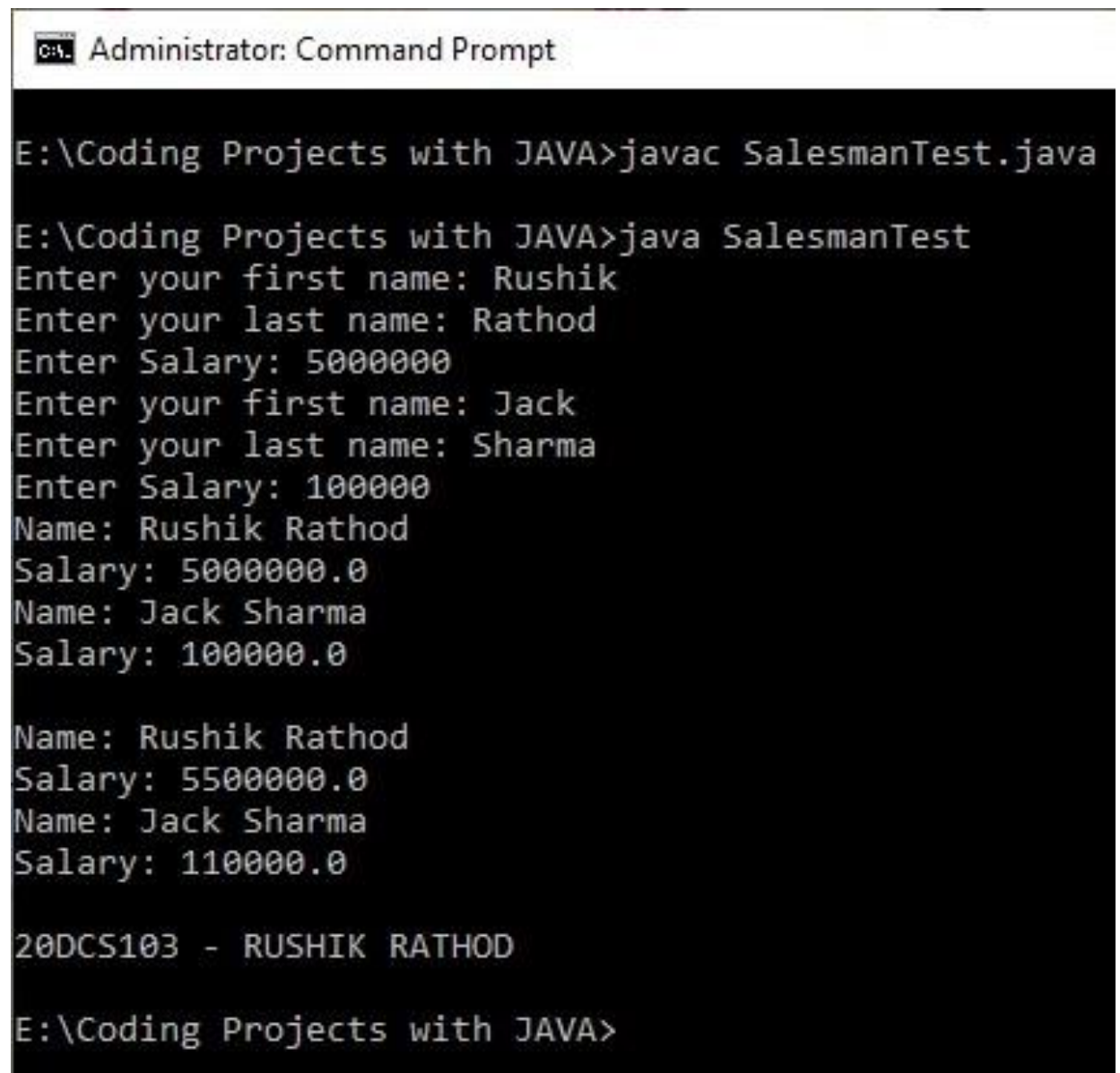
```
import java.util.Scanner;

class Salesman{
    String a,b;
    double c;
    Salesman(){
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter your first name: ");
        a=sc.nextLine();
        System.out.print("Enter your last name: ");
        b=sc.nextLine();
        System.out.print("Enter Salary: ");
        c=sc.nextDouble();
    }
    void set1(){
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter your first name: ");
        a=sc.nextLine();
    }
    void set2(){
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter your last name: ");
        b=sc.nextLine();
    }
    void set3(){
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter Salary: ");
        c=sc.nextDouble();
    }
    String fname(){
        return a;
    }
    String lname(){
        return b;
    }
    double salary(){
        if(c<0){
            c=0;
        }
        return c;
    }
    void display(){
        System.out.println("Name: "+fname()+" "+lname());
    }
}
```

```
        System.out.println("Salary: "+salary());
    }
}

class SalesmanTest{
    public static void main(String args[]){
        Salesman a1 = new Salesman();
        Salesman a2 = new Salesman();
        a1.display();
        a2.display();
        System.out.println();
        a1.c=(a1.c*0.1)+a1.c;
        a2.c=(a2.c*0.1)+a2.c;
        a1.display();
        a2.display();
        System.out.println("\n20DCS103 - RUSHIK RATHOD");
    }
}
```

OUTPUT:



```
Administrator: Command Prompt

E:\Coding Projects with JAVA>javac SalesmanTest.java

E:\Coding Projects with JAVA>java SalesmanTest
Enter your first name: Rushik
Enter your last name: Rathod
Enter Salary: 5000000
Enter your first name: Jack
Enter your last name: Sharma
Enter Salary: 100000
Name: Rushik Rathod
Salary: 5000000.0
Name: Jack Sharma
Salary: 100000.0

Name: Rushik Rathod
Salary: 5500000.0
Name: Jack Sharma
Salary: 110000.0

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E:\Coding Projects with JAVA>
```

Thank you...