# **EXPERIMENT – 2.3**

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Semester: 5th Subject Code: 20CSP - 321

Subject Name: Project Based Learning in Java

#### **PROBLEM STATEMENT:**

Write a Program to perform the basic operations like insert, delete, display and search in list. List contains String object items where these operations are to be performed.

### **CODE**:

```
Scanner s = new Scanner(System.in);
String str;
System.out.println("\nMAIN MENU \n=======");
System.out.println("1. Insert");
System.out.println("2. Search");
System.out.println("3. Delete");
System.out.println("4. Display");
System.out.println("5. Exit");
System.out.println("\n Anjali Singh 20BCS9239");
    System.out.print("\nEnter your choice : ");
       System.out.print("Enter the item to be inserted : ");
        System.out.print("Enter the item to be searched : ");
                                                                              str
        if (list.indexOf(str) == -1)
           System.out.println(str + " is not present");
            System.out.println(str + " is present at index " + list.indexOf(str));
        System.out.print("Enter the item to delete : ");
```

## **OUTPUT**:

```
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```

```
Enter your choice : 1
     Enter the item to be inserted : 7
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     Enter the item to be inserted : 9
 Enter your choice : 4
     The Items in the list are : 2 4 7 9
     Enter the item to be searched : 1
     1 is not present
     Enter your choice : 2
     Enter the item to be searched : 4
     4 is present at index 1
     Enter your choice : 3
     Enter the item to delete : 2
     2 is deleted
     The Items in the list are : 4 7 9
     Enter your choice : 5
     Process finished with exit code \theta
Run 🔳 TODO 🕕 Problems 🗐 Build 🛂 Terminal
```

## **LEARNING OUTCOMES:**

- 1. Learnt about different methods provided for the ArrayList.
- 2. Learnt about File Handling.