How to perform searching in ArrayList

- contains()
- get()
- indexOf()

indexOf

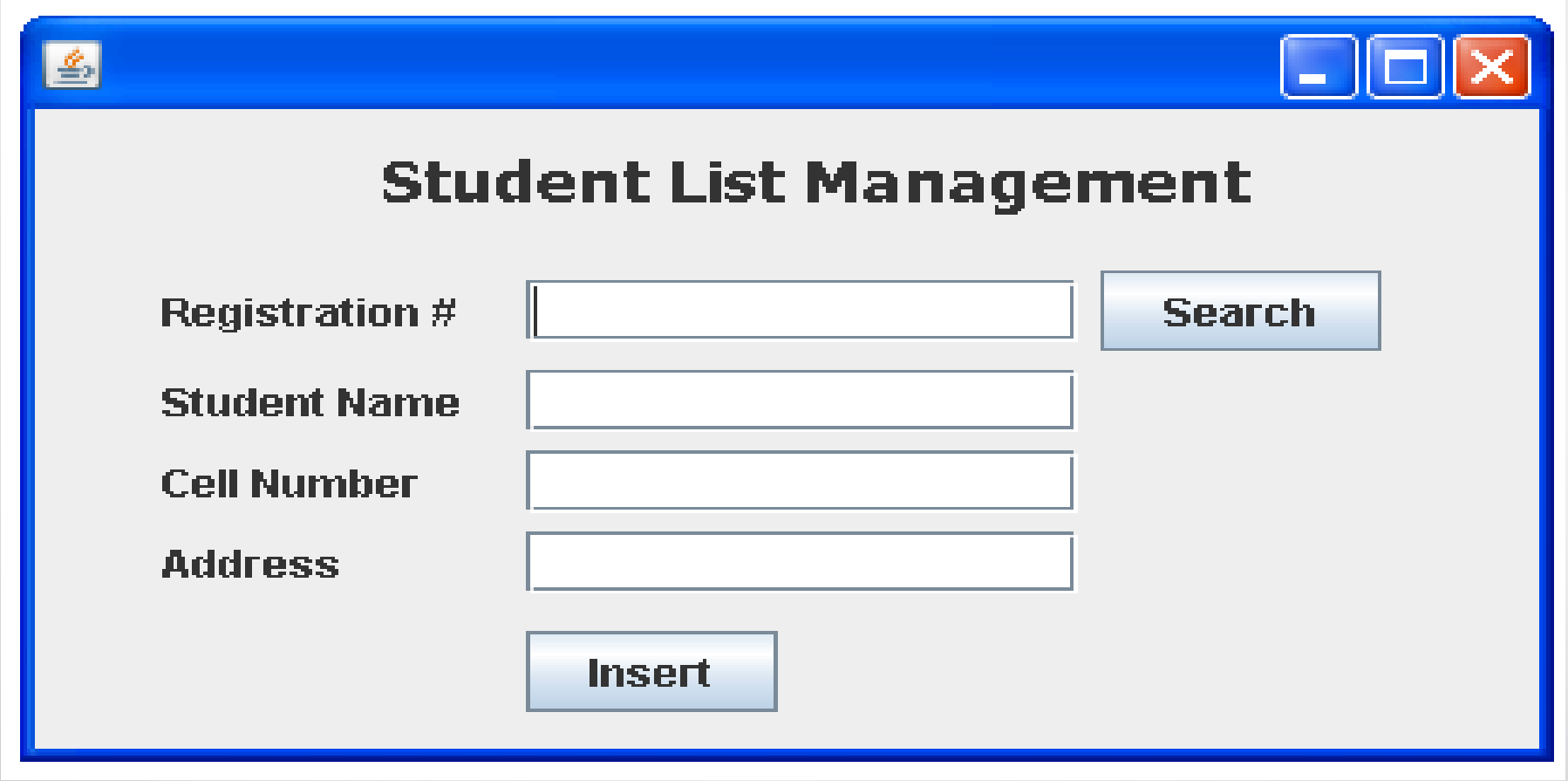
```
import java.util.ArrayList;
public class IndexOfExample {
 public static void main(String[] args) {
    ArrayList<String> al = new ArrayList<String>();
    al.add("AB");
    al.add("CD");
    al.add("EF");
    al.add("GH");
    al.add("IJ");
    al.add("KL");
    al.add("MN");
    System.out.println("Index of 'AB': "+al.indexOf("AB"));
    System.out.println("Index of 'KL': "+al.indexOf("KL"));
    System.out.println("Index of 'AA': "+al.indexOf("AA"));
    System.out.println("Index of 'EF': "+al.indexOf("EF"));
 }
}
```

contains

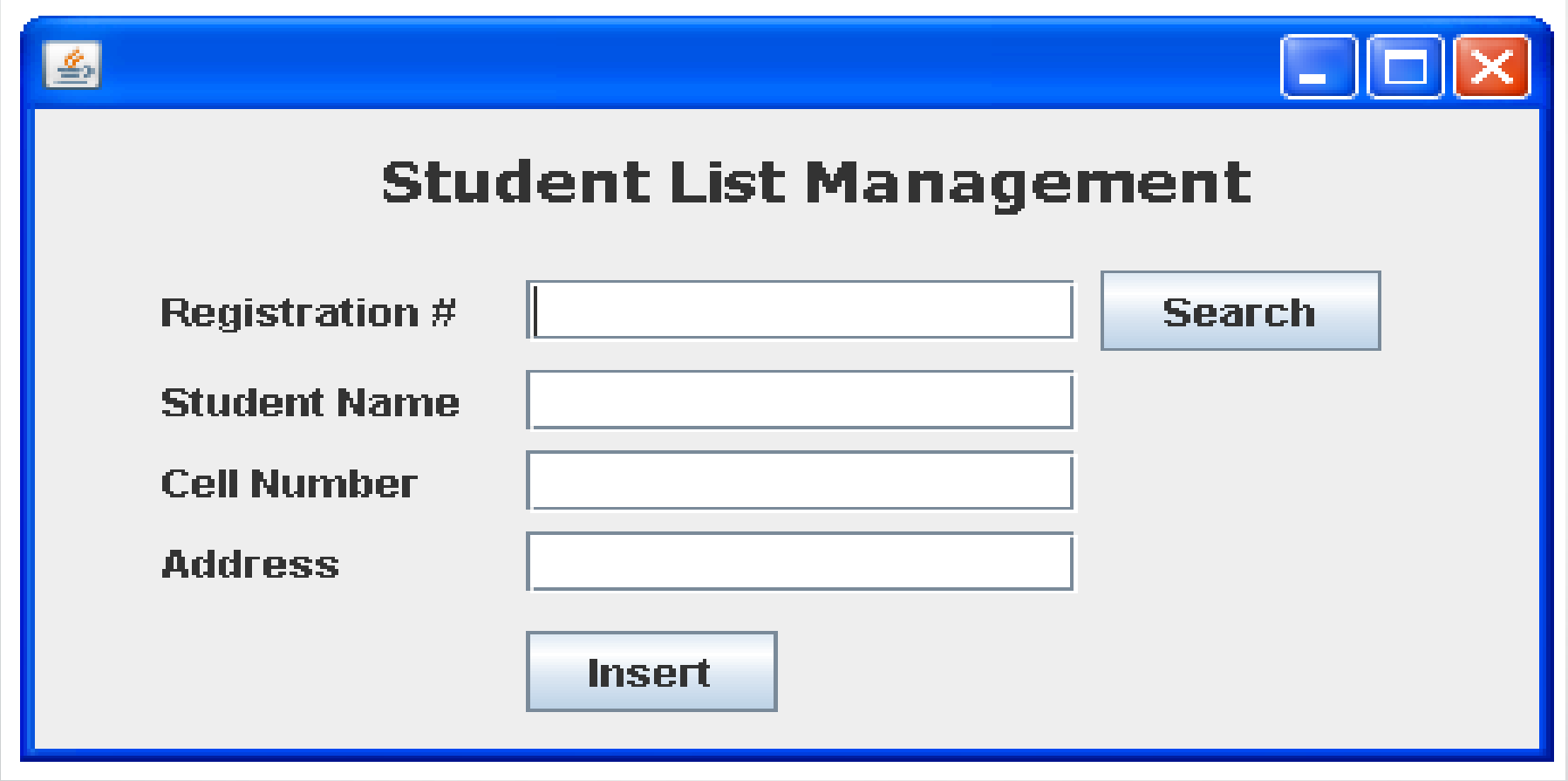
```
import java.util.ArrayList;
public class IndexOfExample {
public static void main(String[] args) {
    ArrayList<String> al = new ArrayList<String>();
    al.add("pen");
    al.add("pencil");
    al.add("ink");
    al.add("notebook");

    System.out.println("ArrayList contains the string 'ink pen': " +al.contains("ink pen"));
    System.out.println("ArrayList contains the string 'pen': " +al.contains("pen"));
    System.out.println("ArrayList contains the string 'pencil': "  +al.contains("pencil"));
    System.out.println("ArrayList contains the string 'book': "     +al.contains("book"));  }
}
```

get

```
import java.util.ArrayList;
public class IndexOfExample {
public static void main(String[] args) {
    ArrayList<String> al = new ArrayList<String>();
     al.add("pen");
     al.add("pencil");
     al.add("ink");
     al.add("notebook");
     al.add("book");
     al.add("books");
     al.add("paper");
     al.add("white board");
     System.out.println("First element of the ArrayList: "+al.get(0));
     System.out.println("Third element of the ArrayList: "+al.get(2));
     System.out.println("Sixth element of the ArrayList: "+al.get(5));
     System.out.println("Fourth element of the ArrayList: "+al.get(3));
}
}
```



- Using ArrayList add objects and then perform searching.



- Create runtime gui and perform searching in collection using DAO method. You have to create DAO layer for searching only. Search on the basis of name

End.