

```

package programmingIILap;
import java.util.*;

public class MyArrayListApp {
    public static void main(String[]
args) {
        ArrayList<String> list = new
ArrayList<String>();
        Scanner inpInt = new
Scanner(System.in);
        Scanner inpString = new
Scanner(System.in);

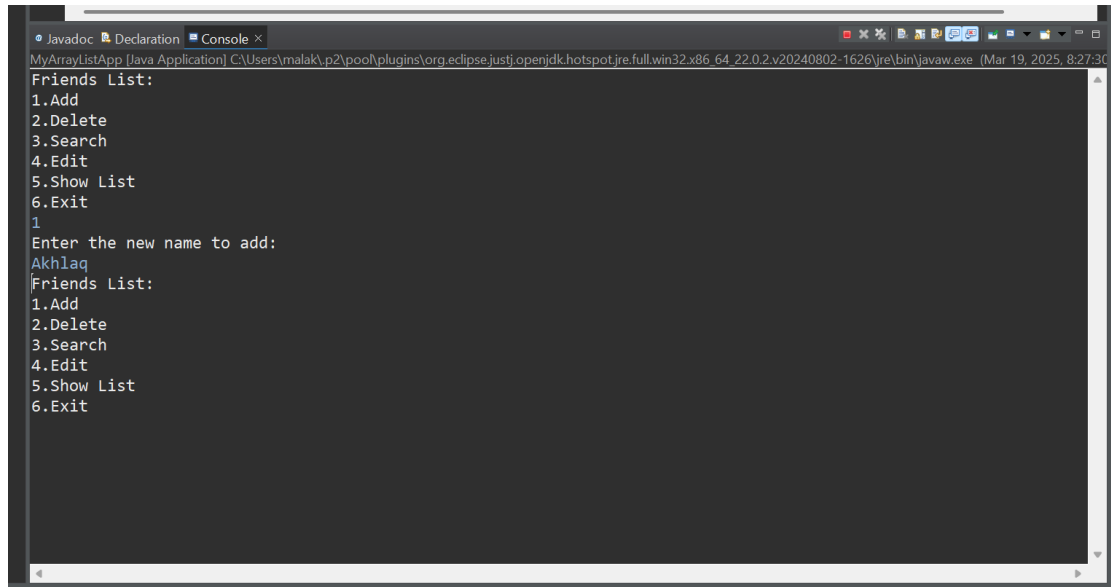
        while (true) {
            System.out.println("Friends
List:
\n1.Add\n2.Delete\n3.Search\n4.Edit\n5.Sh
ow List\n6.Exit");
            int option =
inpInt.nextInt();

            if (option == 1) {
                System.out.println("Enter
the new name to add:");
                list.add(inpString.nextLine());
            }
            else if (option == 2) {
                System.out.println("Enter
number from 1 - " + list.size() + " to be
deleted");
                int d = inpInt.nextInt();
                if (d > 0 && d <=
list.size()) {
                    list.remove(d - 1);
                } else {
                    System.out.println("You did not enter a
number from 1 - " + list.size() + " to be
deleted");
                }
            }
            else if (option == 3) {
                System.out.println("Enter
a name to search:");
                String q =
inpString.nextLine();
                if (list.contains(q)) {
                    System.out.println(q
+ " IS in the list");
                } else {
                    System.out.println(q
+ " IS NOT in the list");
                }
            }
            else if (option == 4) {
                System.out.println("Enter
number from 1 - " + list.size() + " to be
Edited:");
                int d = inpInt.nextInt();
                if (d > 0 && d <=
list.size()) {
                    System.out.println("Enter the name to
replace " + list.get(d - 1) + ":");
                    String q =
inpString.nextLine();
                    list.set(d - 1, q);
                } else {
                    System.out.println("You did not enter a
number from 1 - " + list.size() + " to be
edited");
                }
            }
            else if (option == 5) {
                System.out.println("*****
Here is the list *****");
                for (int i = 0; i <
list.size(); i++) {
                    System.out.println(list.get(i));
                }
                System.out.println("");
            }
            else if (option == 6) {
                return;
            }
            else {
                System.out.println("Wrong
choice...");
            }
        }
    }
}

```

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```
MyArrayListApp [Java Application] C:\Users\malak\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_22.0.2.v20240802-1626\jre\bin\javaw.exe (Mar 19, 2025, 8:27:30)
Friends List:
1.Add
2.Delete
3.Search
4.Edit
5.Show List
6.Exit
1
Enter the new name to add:
Akhlaq
Friends List:
1.Add
2.Delete
3.Search
4.Edit
5.Show List
6.Exit
```