

Java Assignment-5

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Div: A

```
/**
 * Q1) Write a program on Java ArrayList add() Method which is used for adding an element to
 the specified index.
 */
```

```
import java.util.ArrayList;
public class addArray {

    public static void main(String[] args) {
        ArrayList<String> fruits = new ArrayList<String>();
        fruits.add("Mango");
        fruits.add("Orange");
        System.out.println("Fruits :");
        for (String fruit : fruits) {
            System.out.println(fruit);
        }
        fruits.add(1, "Apple");
        System.out.println("\nFruits:" + fruits);
    }
}
```

Output:

```
kaustubh@PC:~/media/kaustubh/733C9B1D0FC0300C/practicals$ cd /media/kaustubh/733C9B1D0FC0300C/practicals ; /usr/lib/jvm/java-11
-openjdk-amd64/bin/java -agentlib:jdwp=transport=dt_socket,server=n,suspend=y,address=localhost:36217 -Dfile.encoding=UTF-8 -cp
/home/kaustubh/.config/Code/User/workspaceStorage/aa25355e86d34615bc2992ebf88246e5/redhat.java/jdt_ws/practicals_e30d9338/bin
addArray
Fruits :
Mango
Orange

Fruits:[Mango, Apple, Orange]
kaustubh@PC:~/media/kaustubh/733C9B1D0FC0300C/practicals$ █
```

```
/**
 * Q2 ) Write a program to remove an element of the specified index from a list
 */
```

```
import java.util.*;

public class removeArray {
    public static void main(String[] args) {
        List<String> fruits = new ArrayList<String>(5);
        fruits.add("Apple");
        fruits.add("Gauva");
        System.out.println("Fruits :" + fruits);
        fruits.remove(1);
        System.out.println("Final List :" + fruits);
    }
}
```

Output:

```
kaustubh@PC:/media/kaustubh/733C9B1D0FC0300C/practicals$ cd /media/kaustubh/733C9B1D0FC0300C/practicals ; /usr/lib/jvm/java-11
-openjdk-amd64/bin/java -agentlib:jdwp=transport=dt_socket,server=n,suspend=y,address=localhost:33855 -Dfile.encoding=UTF-8 -cp
/home/kaustubh/.config/Code/User/workspaceStorage/aa25355e86d34615bc2992ebf88246e5/redhat.java/jdt_ws/practicals_e30d9338/bin
removeArray
Fruits :[Apple, Gauva]
Final List :[Apple]
kaustubh@PC:/media/kaustubh/733C9B1D0FC0300C/practicals$ █
```