



ReplaceElem...

*Addatthefr...

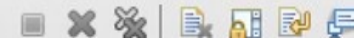
Declaration

Console

>>3



Console X



statement 5:

```
program to insert the specified element at  
a linked list.*/
```

```
util.LinkedList;
```

```
public class Addatthefront {
```

```
    public void main(String ...args) {
```

```
        List<String> ll=new LinkedList<String>();//creating 1st  
        cat");
```

```
        dog");
```

```
        lion");
```

```
        tiger");
```

```
        giraffe");
```

```
        cow");
```

```
        out.println("print the LinkedList: "+ll);
```

```
        first("Mouse");
```

```
        out.println("After adding :"+ll);
```

<terminated> Addatthefront [Java Application] C:\Program Files\Java\jdk-18.0

print the LinkedList: [cat, dog, lion, tig

After adding :[Mouse, cat, dog, lion, tige

Writable

Smart Insert

3:1:82

ENG
IN



atement 3:..

util.ArrayList;..

```
ExtractArratList { //main class
static void main(String[] args) { //main method

String> al = new ArrayList<String>(); //creating the array list

add elements
.add("Red");
.add("Green");
.add("Orange");
.add("White");
.add("Black");
println("Original list: " + al); //printing the main array list
> al2 = al.subList(0, 3); //creating the list and take sub list
system.out.println("After extracting the array list: " + al2);
```

```
<terminated> ExtractArratList [Java Application] C:\Program Files\Java
Original list: [Red, Green, Orange,
After extracting the array list: [Re
```





Addatthefront.java CompareArrayList.java ReplaceElementFromArray.java ExtractArratList.java

ArrayList (A1) created. In the same class create a method printEvenNumbers() which iterates through the ArrayList in step 1, and It should multiply each number with 2 and display it in format
and add these numbers in a new ArrayList (A2). The new ArrayList (A2) created needs to be returned
Method retrieveEvenNumber(int N) parameter is a number N. This method should search the ArrayList (A1) for the existence of the number 'N' passed. If exists it should return the Number else return zero.*//

book;

util.ArrayList;

util.Scanner;

Assignment2 {

Integer> al = new ArrayList<Integer>(); //creating array list

ArrayList<Integer> saveEvenNumbers(int N) { //create method

new ArrayList<Integer>();

(int i = 2; i <= N; i++) { //for loop

if (i % 2 == 0) {

al.add(i);

System.out.println(i);}}

return al;

ArrayList<Integer> printEvenNumbers() { //create 2nd method

ArrayList<Integer> al2 = new ArrayList<Integer>(); //creating 2nd array list

(int i:al) { //for each loop

al2.add(i*2);

System.out.println(i*2);}

return al2;

Integer> retrieveEvenNumber(int N) { //creating another method

return al; }

public void main(String[] args) { //main method

Assignment2 as = new Assignment2(); //create the object of main class

Scanner ps = new Scanner(System.in); //creating scanner class

System.out.println("enter the value of N: ");

saveEvenNumbers(ps.nextInt()); //calling

printEvenNumbers(); }}

Writable

Smart Insert

27:22:1496

ENG
IN



ReplaceElem... Addatthefron... Problems Declaration Console »

Statement 4: Write a Java program to compare two array lists.*

```
util.ArrayList;
CompareArrayList { //main class
c void main(String ...args) { //main method
t<String> al=new ArrayList<String>(); //creating 1st array 1
elements
Red");
Green");
Black");
Pink");
t<String> al2=new ArrayList<String>(); //creating 1st array
elements
"Red");
"Green");
"Black");
"White");
"Pink");
t<String> as = new ArrayList<String>();
ring e : al2) //using for each loop
d(al.contains(e) ? "Yes" : "No");
out.println(as); //printing the output
```

Console X

<terminated> CompareArrayList [Java Application] C:\Program Files\

[Yes, Yes, Yes, No, Yes]

Writable

Smart Insert

9:21:349

ENG
IN



statement 6: Write a Java program to replace an element in a
t*/

```
util.LinkedList;
```

```
ReplaceElementFromArrayList { //main class
```

```
public void main(String ...args) { //main method
```

```
Integer> ll=new LinkedList<Integer>(); //creating 1st LinkedList  
elements
```

```
4);
```

```
6);
```

```
2);
```

```
4);
```

```
7);
```

```
the LinkedList before replacing the LinkedList
```

```
out.println("Before replacing the LinkedList: "+ll);
```

```
,67); //set the position and give the number that i want to
```

```
the LinkedList after replacing the LinkedList
```

```
out.println("After replacing the LinkedList : " + ll);
```

<terminated> ReplaceElementFromArrayList [Java Application] C:\Pro

Before replacing the LinkedList: [34

After replacing the LinkedList : [34

