J Assignment2.java ✕   J Addatthefront.java   J CompareArrayList.java   J ReplaceElementFromArrayList.java   J ExtractArratList.java

```java
 8 package com.book;
 9 import java.util.ArrayList;
11 public class Assignment2 {
12 ArrayList<Integer> al = new ArrayList<Integer>();//creating array list
13     ArrayList<Integer> saveEvenNumbers(int N) {  //create method
14         al = new ArrayList<Integer>();
15         for (int i = 2; i <= N; i++) {//for loop
16             if (i % 2 == 0) {
17                 al.add(i);
18             System.out.println(i);}}
19         return al;}
20     ArrayList<Integer> printEvenNumbers() { //create 2nd method
21         ArrayList<Integer> al2 = new ArrayList<Integer>();//creating 2nd array list
22         for (int i:al) { //for each loop
23             al2.add(i*2);
24             System.out.println(i*2);}
25         return al2;}
26     ArrayList<Integer> retrieveEvenNumber(int N){ //creating another method
27         return al;  }
28 public static void main(String[] args) { //main method
29     Assignment2 as = new Assignment2();//create the object of main class
30         Scanner ps=new Scanner(System.in);//creating scanner class
31         System.out.println("enter the  value of N: ");
32         as.saveEvenNumbers(ps.nextInt());//calling
```

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Problems ✕ @ Javadoc Declaration

49 errors, 111 warnings, 0 others (Filter matched 149 of 160 items)

Description	Resource	Path	Location	Type
> ❌ Errors (49 items)				
> ⚠ Warnings (100 of 111 items)				

Navigate Search Project Run Window Help

gnment2.java   Addatthefront.java ✕   CompareArrayList.java   ReplaceElementFromArrayList.java   ExtractArratList.java

```java
//Write a Java program to insert the specified element at the front of a linked list.

package LAB;

import java.util.LinkedList;

public class Addatthefront {
public static void main(String ...args) {
    LinkedList<String> ll=new LinkedList<String>();//creating 1st LinkedList
    ll.add("cat");
    ll.add("dog");
    ll.add("lion");
    ll.add("tiger");
    ll.add("giraffe");
    ll.add("cow");
    System.out.println("print the LinkedList: "+ll);

    ll.addFirst("Mouse");
    System.out.println("After adding :"+ll);

}
```

blems   @ Javadoc   Declaration   Console ✕

ated> Addatthefront [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Nov 18, 2022, 2:44:00 PM – 2:44:01 PM) [pid: 16264]
t the LinkedList: [cat, dog, lion, tiger, giraffe, cow]
r adding :[Mouse, cat, dog, lion, tiger, giraffe, cow]

Writable   Smart Insert   2 : 59 : 60

Navigate Search Project Run Window Help

```java
/*Problem Statement 4:Write a Java program to compare two array lists.*/
package LAB;
import java.util.ArrayList;
public class CompareArrayList {  //main class
public static void main(String ...args) {  //main method
    ArrayList<String> al=new ArrayList<String>();//creating 1st array list
    //adding elements
    al.add("Red");
    al.add("Green");
    al.add("Black");
    al.add("Pink");
    ArrayList<String> al2=new ArrayList<String>();//creating 1st array list
    //adding elements
    al2.add("Red");
    al2.add("Green");
    al2.add("Black");
    al2.add("White");
    al2.add("Pink");
    ArrayList<String> as = new ArrayList<String>();
     for (String e : al2)  //using for each loop
       as.add(al.contains(e) ? "Yes" : "No");
     System.out.println(as);  //printing the output
```

blems   @ Javadoc   Declaration   Console ✕

, Yes, Yes, No, Yes]

Writable   Smart Insert   15 : 22 : 518

Navigate Search Project Run Window Help

gnment2.java   J Addatthefront.java   J CompareArrayList.java   J ReplaceElementFromArrayList.java ✕   J ExtractArratList.java

```java
/*Problem Statement 6:Write a Java program to replace an element in a
  linked list*/
package LAB;
import java.util.LinkedList;

public class ReplaceElementFromArrayList {//main class
public static void main(String ...args) {  //main method
LinkedList<Integer> ll=new LinkedList<Integer>();//creating 1st LinkedList
    //add elements
    ll.add(34);
    ll.add(56);
    ll.add(32);
    ll.add(14);
    ll.add(87);
    //Print the LinkedList before replacing the LinkedList
    System.out.println("Before replacing the LinkedList: "+ll);

    ll.set(3,67);//set the position and give the number that i want to replace

    //Print the LinkedList after replacing the LinkedList
    System.out.println("After replacing the LinkedList : " + ll);
    }}
```

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blems @ Javadoc 🔲 Declaration 🖳 Console ✕

ated> ReplaceElementFromArrayList [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Nov 18, 2022, 2:44:34 PM – 2:44:37 PM) [pid: 12148]

re replacing the LinkedList: [34, 56, 32, 14, 87]
r replacing the LinkedList : [34, 56, 32, 67, 87]

Writable   Smart Insert   22 : 6 : 738

Navigate Search Project Run Window Help

gnment2.java   ⟩ Addatthefront.java   ⟩ CompareArrayList.java   ⟩ ReplaceElementFromArrayList.java   ⟩ ExtractArratList.java ✕

```java
/*Problem Statement 3:Write a Java program to extract a portion of an array list.*/
package LAB;

import java.util.ArrayList;

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

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

        //add elements
        al.add("Red");
        al.add("Green");
        al.add("Orange");
      al.add("White");
      al.add("Black");
 System.out.println("Original list: " + al);//printing the main array list
 List<String> al2 = al.subList(0, 3);//creating the list and take sub list to get the specific porti
        System.out.println("After extracting the array list: " + al2);//printing after extracting
      }
    }
```

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blems @ Javadoc 🔍 Declaration 🖥 Console ✕

ated> ExtractArratList [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Nov 18, 2022, 2:44:58 PM – 2:44:59 PM) [pid: 15652]

inal list: [Red, Green, Orange, White, Black]
r extracting the array list: [Red, Green, Orange]

Writable   Smart Insert   1 : 23 : 22