AB/Addatthefront.java - Eclipse IDE

Navigate Search Project Run Window Help

ReplaceElem... *Addatthefr... Declaration Console

```
atement 5:
 program to insert the specified element at
 a linked list.*/



util.LinkedList;

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

rst("Mouse");
ut.println("After adding :"+ll);
```

Console

<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

AB/ExtractArratList.java - Eclipse IDE

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ReplaceEleme... Addatthefront... ExtractArratL... Problems Javadoc

```
atement 3:

util.ArrayList;

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

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

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

Console

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

```
Original list: [Red, Green, Orange,
After extracting the array list: [Re
```

Writable Smart Insert 20 : 1 : 549

ENG
IN

om/book/Assignment2.java - Eclipse IDE

Navigate Search Project Run Window Help

Addatthefront.java | CompareArrayList.java | ReplaceElementFromArrayList.java | ExtractArratList.java

```
st (A1) created.  In the same class create a method printEvenNumbers()which iterates through the
 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
ethod retrieveEvenNumber(int N) parameter is a number N. This method should search the arrayList (A1
istence of the number 'N' passed. If exists it should return the Number else return zero.*/
book;
util.ArrayList;
util.Scanner;
 Assignment2 {
teger> al = new ArrayList<Integer>();//creating array list
ist<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);}}
rn al;}
st<Integer> printEvenNumbers() { //create 2nd method
yList<Integer> al2 = new ArrayList<Integer>();//creating 2nd array list
(int i:al) { //for each loop
al2.add(i*2);
System.out.println(i*2);}
rn al2;}
st<Integer> retrieveEvenNumber(int N){ //creating another method
urn al;  }
c void main(String[] args) { //main method
nt2 as = new Assignment2();//create the object of main class
ner ps=new Scanner(System.in);//creating scanner class
em.out.println("enter the  value of N: ");
aveEvenNumbers(ps.nextInt());//calling
rintEvenNumbers();}}
```

Writable | Smart Insert | 27 : 22 : 1496

ENG
IN

AB/CompareArrayList.java - Eclipse IDE

Navigate Search Project Run Window Help

ReplaceElem... Addatthefron... Problems Declaration Console

```
atement 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 l
 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

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

```
[Yes, Yes, Yes, No, Yes]
```

Writable Smart Insert 9 : 21 : 349

ENG IN

AB/ReplaceElementFromArrayList.java - Eclipse IDE

Navigate Search Project Run Window Help

ReplaceElem... | Addatthefron... | Problems | Declaration | Console

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

util.LinkedList;

 ReplaceElementFromArrayList {//main class
c void main(String ...args) {  //main method
nteger> ll=new LinkedList<Integer>();//creating 1st LinkedL
ements
4);
6);
2);
4);
7);
the LinkedList before replacing the LinkedList
ut.println("Before replacing the LinkedList: "+ll);

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

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

Console

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

```
Before replacing the LinkedList: [34,
After replacing the LinkedList : [34,
```

Writable | Smart Insert | 2 : 2 : 72

ENG
IN