

Arraylist in java

Assignment Questions



Q1. Write a Java program to insert an element into given array list of size n at the first position.

(Easy)

Input1:

n = 5
list = {1,2,3,4,5}
x = 0

Output1:

0 1 2 3 4 5

Input2:

n = 1
list = {4}
x = 7

Output2:

7 4

Q2. Write a Java program to remove the third element from given arraylist of size n.

(Easy)

Input1:

n = 5
list = {1,2,3,4,5}

Output1:

1 2 4 5

Input2:

n = 2
list = {2, 5}

Output2:

2 5

Q3. Write a Java program to swap two elements in an array list of size n.

(Easy)

Input1:

n = 5
list = {1,2,3,4,5}
Index = 2, 4

Output1:

1 2 5 4 3

Input2:

n = 2
list = {4, 9}
Index = 0, 1

Output2:

9 4

Q4. Given an input of some integers, sort the integers.

(Easy)

Input1:

3 5 1 -4 9 0 -2

Output1:

-4 -2 0 1 3 5 9

Input2:

0 -1

Output2:

-1 0

Q5. Given an array of integers, print an arraylist containing only all positive integers present in the array. If no positive integers found, print "NA".

(Easy)

Input1:

n = 5
arr[] = {-4, 0, 8, -3, -2}

Output1:

0 8

Input2:

n = 1
list = {-4}

Output2:

NA