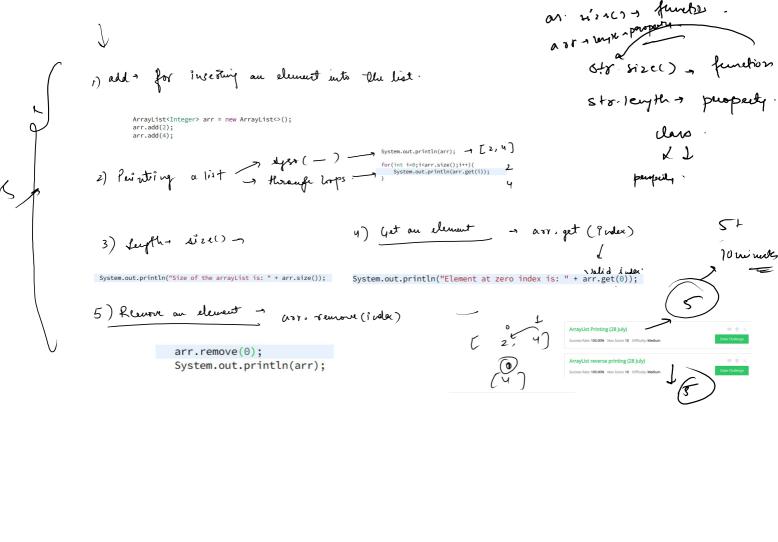
Arraylist

int arr (7 = new int (90); pre-défind the size of an array.

Agraylist of independent of size

Syntax of Arraylist-Array liet / detatype > arraylist-name = mo Arraylist <>(); Arreglist < String > are = new Arreglist< >(); Arraylistito arr = new Arraylistorio) Agraglist does not work with primitive detartype wrapper dass Integer, auracter, Boolean, Double, Arraylist LInteger > arr = new Arraylist => (1)



# ArrayList Printing (28 July)

Problem

Submissions

Leaderboard

Discussions

Declare an ArrayList as arr. Take N as an integer input. Take N elements inside the ArrayList. Print the ArrayList from the starting

#### Input Format

Single Integer N. N Integers

#### Constraints

1<= N <= 10^5 0<= arr[i] <= 10^5

#### **Output Format**

N Integers

Sample Input 0

5 0 N 12345 > Weleverts.

Sample Output 0

1 2 3 4 5

```
public static void printArrayList(ArrayList<Integer> arr){
    for(int i=0;i<arr.size();i++){
        System.out.print(arr.get(i) + " ");
    }
}
int n =scn.nextInt();
for(int i=0;i<n;i++){
        arr.add(scn.nextInt());
}

printArrayList(arr);</pre>
```

## ArrayList reverse printing (28 July)

Problem Submissions Leaderboard Discussions

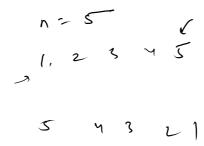
Declare an ArrayList as arr. Take N as an integer input. Take N elements inside the ArrayList. Print the ArrayList from the ending to start (reverse order)

### Sample Input 0

5 1 2 3 4 5

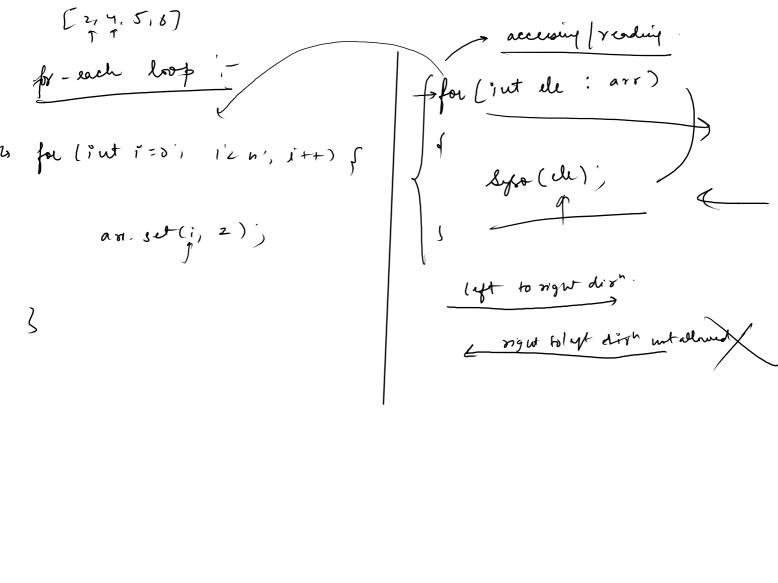
Sample Output 0

5 4 3 2 1



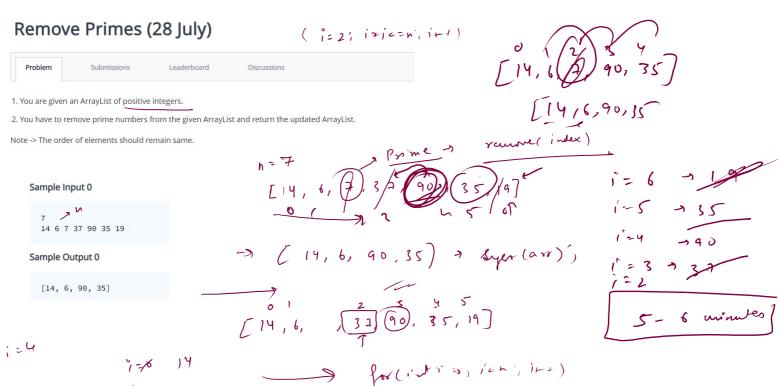
for (intizem. size(17) iso)

```
public class Solution {
    public static void reversePrinting(ArrayList<Integer> arr){
        for(int i=arr.size()-1;i>=0;i--){
            System.out.print(arr.get(i) + " ");
    }
    public static void main(String[] args) {
        /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be nam
        Scanner scn = new Scanner(System.in);
        int n = scn.nextInt();
        ArrayList<Integer> arr = new ArrayList<>();
        for(int i=0;i<n;i++){
            arr.add(scn.nextInt());
        }
        reversePrinting(arr);
```



```
M
```

```
public static void reversePrinting(ArrayList<Integer> arr){
   ArrayList<Integer> reverseArr = new ArrayList<>();
   for(int i=arr.size()-1;i>=0;i--){
        reverseArr.add(arr.get(i));
   }
   for(Integer ele : reverseArr){
        System.out.print(ele + " ");
}
public static void main(String[] args) {
   /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class sh
   Scanner scn = new Scanner(System.in);
   int n = scn.nextInt();
   ArrayList<Integer> arr = new ArrayList<>();
   for(int i=0;i<n;i++){
        arr.add(scn.nextInt());
    }
   reversePrinting(arr);
```



```
3) (String Builder

2) Clark work

3) (Moure work)
```

```
public class Solution {
    public static boolean checkPrime(int x){
        for(int i=2;i*i<=x;i++){
            if(x\%i == 0){
                return false;
        return true;
    public static void removePrimes(ArrayList<Integer> arr){
        for(int i=arr.size()-1;i>=0;i--){
            if(checkPrime(arr.get(i)) == true){
                arr.remove(i);
        System.out.print(arr);
    public static void main(String[] args) {
        /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be n
        Scanner scn = new Scanner(System.in);
        int n =scn.nextInt();
       ArrayList<Integer> arr = new ArrayList<>();
        for(int i=0;i<n;i++){
            arr.add(scn.nextInt());
        removePrimes(arr);
```

Systemout println(arr); ~ (2,4) arreiz for(int i=0;i<arr.size();i++){</pre> an leyth arr. Lizely - arrij= a - arradd(n); 1=0 (2(T))

$$i=0$$
 (2(T)  $\rightarrow$  2 Add  $\rightarrow$  arr(i) =  $\pi$   $\rightarrow$   $1=1$  (T)  $\rightarrow$  4

1=2 L2 (F)

arr.remove(0); arr.remove(1);  $\rightarrow$  arr.remove(1

```
for(int i=0;i<5;i++){
    // int x = scn.nextInt();
    // arr.add(x);
    arr.add(scn.nextInt());
```

}

and [ 2, 3, 4, 5] = 5 while(arr.size()>0){ arr.remove(0); abr + [ 0, 3, 4, 5] -> 4 aor + [ 0, 4,5] + 3 an + C 8,57 - 2 an, () > 1 ani() ->0\_