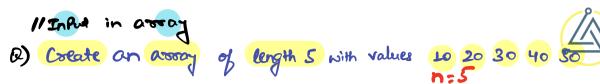


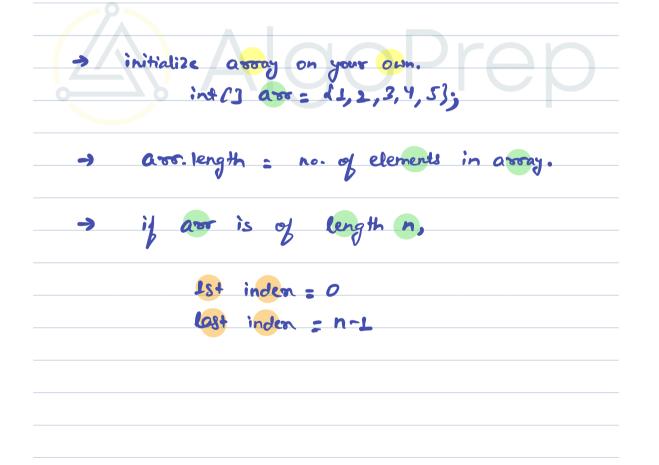
Todoy's agenda
Today's agenda by Intro to arrays
b Return Sum of CORFT elements.
b Return Sum of arolf elements. b Array with Junctions b Swap 2 indexes.
Tiesdy with Junctions
Swaf 2 indenes.
//// AlaaDran
HIGORIED



11 Indo to askay	
infut -> 10 numbers	Looo numbers?
int al: schonentInt();	Astay
int 02: 11	collection of variable
a10 : 11	
Syntam: Ly type [] name = new en: int[] a	type [size];
a) create an array of size integers.	to named asolveing
4 int[] are = ne	w int Cod;
indeade	
0 0 0 0 0 0	
02(3)	220[7]

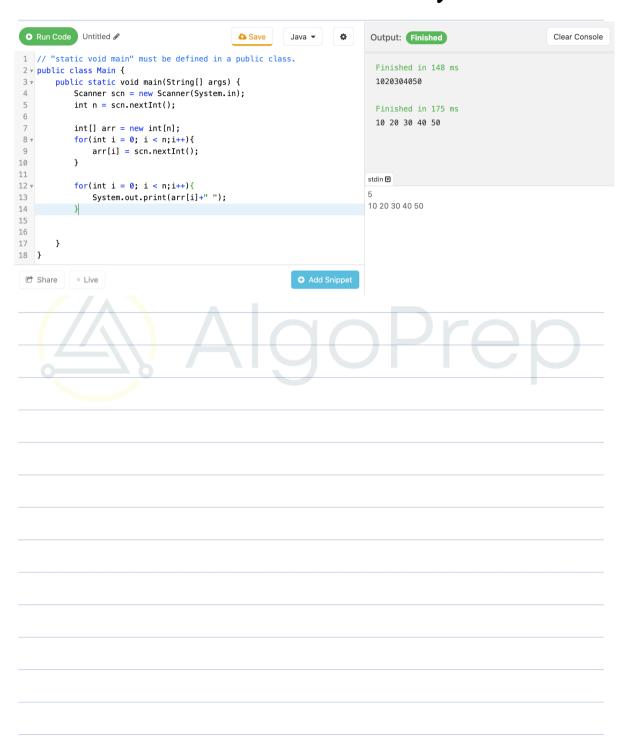


```
1 // "static void main" must be defined in a public class.
2 v public class Main {
       public static void main(String[] args) {
           Scanner scn = new Scanner(System.in);
5
           int n = scn.nextInt();
                                                                                          28
6
7
           int[] arr = new int[n];
8
9 ₹
           for(int i = 0; i < n;i++){
10
               arr[i] = scn.nextInt();
11
                                                                         stdin 🗹
12
13
      }
                                                                         10 20 30 40 50
14 }
 Share
         Live
```





a) How to Point all the elements of are.





```
O) Sum of array

by Read on array of N length and Print the

lum of all elements.

En: arr(4): 10 -1 3 -7 → 5
```

110 suedo code

```
// "static void main" must be defined in a public class.
public class Main {
   public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int n = scn.nextInt();

        int[] arr = new int[n];
        for(int i = 0; i < n;i++) {
            arr[i] = scn.nextInt();
        }
        int sum = 0;
        for(int i = 0; i < n;i++) {
            sum = sum + arr[i];
        }
        System.out.println(sum);
        }
}</pre>
```



How arrays are actually	Stored?
	Heap
ind main () {	0 1 2
ind noto;	10 20 30
int[] are: (10,2,33);	
مر در	
> Systemout pointly (avoli);	
3	n:lo
Mari	h:lo
	Stack
	OPron
Break till	10:34 Pm



Q = 10	b:20 ~ a=20 b:1
Minconnect way	
nain() {	20
in a: 10;	20
ing b = 20;	Δ 8
2	
azbj	andran
+ b= a;	901100
11 Correct way	
11 Correct way	temp + 10
Mooreet way	temp + 10
	Jemp + 10
main () {	
main () { ind a: 10; ind b = 20;	2916
main() { ind a: 10;	2916



11 Junction game

main () 1

ind a = 10;

ind b = 20;

Swap (, , ,);

System.out. pointln(a);

System.out. pointln(b); -> 20

System.out. pointln(b); -> 20

Public Atatic void Swap (int a, int b) 1

int temp = a;

a = b;

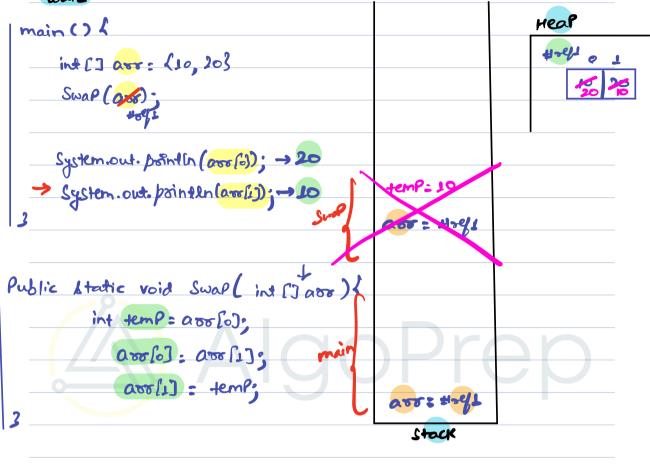
b = temp;

2

brosiobles of 2 Junctions are not connected.



Quiz



La arrays ac	8085 Junetion	are c	onnected.



Q) Swaf indenes

and idn2, swal the element of those two indexes.

En: am [5]: (5 25 25 453

idn1:1 idn2:3

int temp = a oo lidne);

temp -) 15

aroliani: aroliane);

, avoi ione : temp;

