Introduction to Arrays

Arrayi acce used to store multiple values in a single variable.

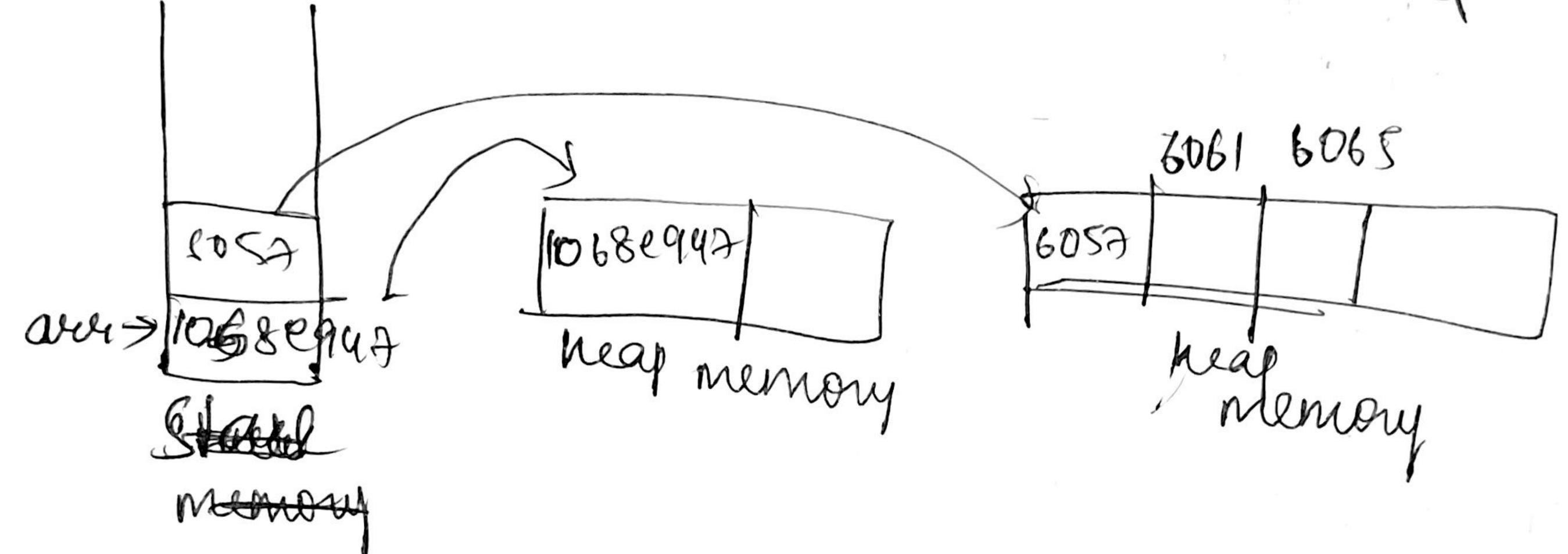
75 [11 | 33 | 95 | 69 | 38 | 61 | 80

Put charr;

auct) = new Fut [to]3

type of name of subsect cach element average

subscript l'integer or com taut expression for no of elements)



Accessing individual elements of

Array of sizes [5112,410)

arr to 1=18+ eliment

[element at index 0]

avorti) = 2nd element

(element out ûndex 1)

arr[2] > 3rd eliment

Celement at index 2)

exp. 100

arr [37=) uth element Celement at index 31

arrivi > 5th element Celement at index 4)

Mength of averay Sio.pln (arr. Length);

Camera > Format_must comp

records hetoboffs nonson record slow mos - Autoffisoff Show partotratison

```
for (int i=0) i carr. length; i tt)
         S.0.pln (am[i]+"");
       other way to print value intarr2[]= $5,1,-5,7,10,204)
      for [Put oc: arr2)?
          J.o.phn(2+"");
 Jew useful fernetions from Arroys class
   puirt20t (1
                           5-0.pln (arrs)-, 51-57101
   21 Sort
    3) fill
1) to string > S.o.pln (Arrays, to string (arr 2));
                           (511)-5,7,10,1)
 2) Sort = Arrays. Sort (arr2);
            S.o.pln (Arrays. to String (arr2));
                                1-5,1,1,5,A,10]
        Arrays. fill (arr2)1);
         S.o.pln (Arrays. tostring (arrz)); ->[1/1/1/1/1]
> Difference blw Array & others
                            in avoil ]= 21,2134;
                            int arr2[]= 4112134;
     int a=5;
                                  (arri==arr2) =) fake
     int b=5;
      (a==b)->+twe
                              Address of Address of
                                location of beation of
                                             avato)
                                   armon
making a copy and compare
 compand => Arrays. equals (aucel, arr2);
  copy => arr2 = Arrays. copy (arri, arri. leigtw);
```

public statio void main (string [) arg 1) & Scanner 10 = new Scanner (148+em. Eu); class class vane l Put Nosconextautil; Introduction fut arren= new text [N]; for (int 8=0) i'en; i++11 Arrayı sice arrlig=senextInfl); int target-num=se nextInt(); Put [] boolean au = falle; for(int val: arr) &
if (val==target-cum) &
am=true) Put Put In wodeforces me name 40 adq wer > 1 public étud class Name { Acc -> adeenel