```
quiz
```

```
public class Main {
       public static int sum (int a, int b) [
         -> int a= 20, b=30; -> a and b are
                                       already defined.
             return at6;
      3
      public Static void main (String [] args) {
             int a=10, b=5;
             int x=100, y=200;
                                        main
                                                  Sum
             sop (sum (x, y));
                                        0=10
                                                 Q = 100
      3
                       100,200
                                        b = 5
3
                                        X= 100
                                        y = 200
                                            a = 100 20
     public static int sum (int a, int b) [
```

```
public class Main {
          → a= 20, b=30;
                                            ans = 50
             return at6;
       3
      public static void main (String [] args) {
             int a=10, b=5;
             int x=100, y=200;
                                         main
                                                    Sum
             sop (sum (x, y));
      3
                                         a = 10
                       100,200
                                                   a = 100 20
                                         6=5
3
                                         X= 100
                                         9= 200
```

```
public class Main {
          public static int sum (int a, int b) [
                                                     b = 200
                int x=20, y=30;
                return at6; -> 300
         3
         public static void main (String [] args) {
                int a=10, b=5;
                 int x=100, y=200;
                 sop (sum (x, y));
                                          main
         3
 3
                                           a = 10
                                            b = 5

X = 100

Y = 200

Y = 30
public class Main {
       public static int sum (int a, int b) [
return a+b;
       public Static void main (String [ ) args) {
        int a = 10, b = 5;

int x = 100, y = 200;

sop (sum(x, y));
                                         0 = 10
3
                                            b = S
                                            X = 100
                                            V= 200
```

```
public class Life Time {
       public static void main () {
            if (true) {

int x = 10;

Sop ("value of x = " + x);

x ++;
             SOP ("value of x = " + x);
      3
3
  public class Scope {
        public static void main () { (i)
           int @=0)
            ٤
               int b=0;
              SOP ("b="+b);
              int c= 6+a;
               Sop (" ( = " + c);
            a = c + b;
Sof("a = " + a);
 3
```

```
public class Varscope ?

public static void main() {
   int x = 10;
   int y = 20;
        sop (x + ", " + y);
        x = 15;
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + y);
        sop ("-" + x + ", " + x + ", " + y);
        sop ("-" + x + x + ", " +
```

```
public class varscope ?
      public static void main () {
                            x=16, y=20
         int x= 10;
          int y = 20;
                           10,20 - 15,20 - 15,20
         ٤
           SOP (x + ", " +y);
         3
         ₹
           x = 15
           50P ("-"+ x +","+y);
         3
         SOP ("-"+ x +","+y);
      3
3
```

```
Sachin tendul Rar : ODI'S : 463

Void main () {

Scarner scn = scn. next3ntc);

int mo, m, m, m, ...... mu62; || 463 variables

mo = scn. next3nt();

m1 = scn. next3nt();

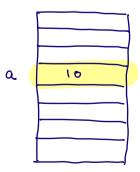
int avg = mo + m, +.... + mu62

463

Sop (avg);
```

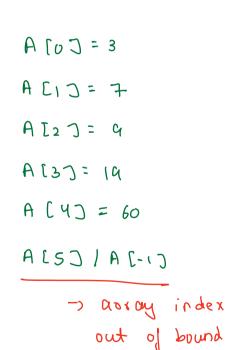
provays -> collection of same data-type variable

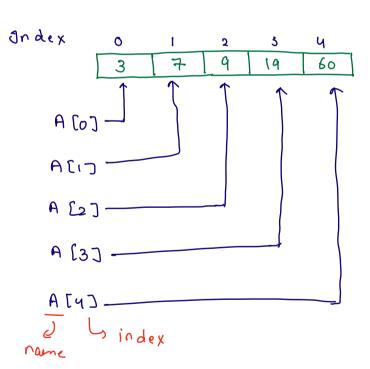
int a=10)



compiler will not know

a. Create an array which can store 5 int values. int [] A = new int [s]; N -> length of a oray index [0, N-1] int A [] = new int [s];





```
40 35 50 108 0 60
void main() {
     int N = 7;
     int [] aor = new int [N],
      Scanner Scn = new Scanner(system.in);
     Jox (int i=0; i < N; i++) {
           arr [i] = scn. next Int();
      3
                                       40 35 50 108
                                                        60
     int total runs = 0
                                        ï
                                              3
                                                  4
                                                        6
     Jox (int i=0; i < N; i++) {
             total-runs += arx (i);
     3
                                       total runs
                                                     ĺ
      int aug = total runs/ Ni
                                           0
                                                     0
      sop (ong);
                                           0
                                                     1
      int hs = 0;
                                           40
                                                     2
      dor ( int i = 0; i < N; i++) {
                                           75
                                                     3
            if ( arr (i) > hs) {
                                           125
                                                     4
                  hs = arr [i];
                                           2 3 3
                                                     5
            3
      3
                                           2 33
      sop (hs);
                                           293
                                                     7 break
```

Int hs = 0;

Jor (int i = 0; i < N; i++) {

 if [arr [i] > hs) {

 hs = arr [i];

 3

SOP (hs);

Ī	0	40	35	50	108	0	60	
•	0				4			

hs	ì
0	O
0	1
40	2
40	3
50	Ч
108	5
801	6
108	7 break

Doubts

r -, radius

Binary to decimal