Identity matrix
$$\rightarrow$$
 is a square matrix

N=3 100 3x3 100

A \rightarrow 010

A \rightarrow 01

$$\underbrace{2 \times 3}_{2 \times 3} \times \begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & \frac{1}{3} & \frac{1}{3} \\ 0 & \frac{1}{3} & \frac{1}{3} \end{bmatrix}}_{2 \times 3} \times \underbrace{\begin{bmatrix} \frac{1}{3} & 0 & 0 \\ 0 & \frac{1}{3} & 0 \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & \frac{1}{3} & 0 \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & \frac{1}{3} & 0 \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & \frac{1}{3} & 0 \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & \frac{1}{3} & 0 \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & \frac{1}{3} & 0 \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & \frac{1}{3} & 0 \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & \frac{1}{3} & 0 \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & \frac{1}{3} & 0 \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & \frac{1}{3} & 0 \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & \frac{1}{3} & 0 \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{3} & \frac{3}{1} \\ 0 & 0 & 1 \end{bmatrix}}_{2 \times 3} = \underbrace{\begin{bmatrix} \frac{2}{$$

(2x1+3x0+1x0 2x0+3x1+1x0 2x0+3x0+1x1 4x1+5x0+6x0 4x0+5x1+6x0 4x0+5x0+6x1

-> Crive a malrox A and B check if B is identify

Natrix of A

2x3

Syntax

intel am = new idel;



intel are = new int God; a11003 = 1; an 617:2; Q(102) = 20; an. longth; 1 3 3 2 3 4 Q(1 [3] = 30 (1) 2 (80) 30 Y ماء وبع = لى 1. b(an c5)); arr [2) =21 j for (infico; icarr.lagh; 14) (Ci3 ma) qoz

ncer offind Array list 2 Enleger > al = new Array listores; al. add (1) i > [1] 2 al. add (27) [1,2] al-dad (20); $\begin{bmatrix} 1,2,20 \end{bmatrix}$.

al-size(2); $\rightarrow 3$ al.add(30) al·add (ceo); 0 1 2 3 4 ledelind function sopin(a1); [1,2,21,30,48] al. semove(2);]

19 out 10:00 am

21 st Oalode 8:00 pm - TEANSITION TEST - Mandatory 90 Mins Rest of the Mormation
will be should Via Email Break → 10:35 -> 10:45 Lo: us list. sizces;

2) Array (1st < Integer) list = new Array (1st 20);

list add (10);

list add (20);

Sop (11st get (1)); (20))

```
Arraylist & Integer> list = new Arraylist 12();
        2)
                                                 (10 / 20) 30 16
                           list add (o);
                           list add (20);
                           list add (30);
                           list. add (16)?
                            list remove (2)
                                                 (To, 20, 16)/
                          Sop (list);
20 Array Ust
                       interior are new interes;
                          20-avory > arrays include a tray
                          20- Away list > Braylist of Dway his
                                          4 Collection Broaglist
                  Array list < Integer > al = new Array (1520)
       Arraylist < Arraylist < Integer>> mat = new Arraylist <>1)

x mat = add (20)//

al - t ]
                × mat = add (20)//
error
              Array list < Integer > list = new Array (15/1205)
                                  list-add (20); (20,30]
                          mat. add (list); ______ [20,30]
```

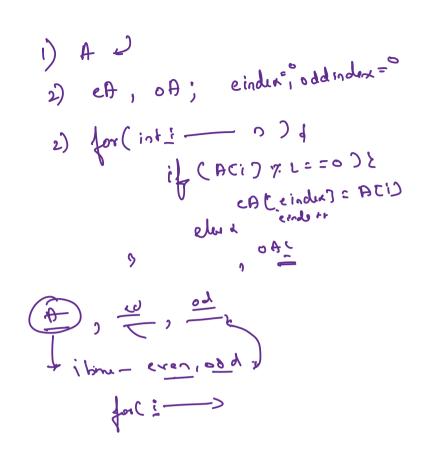
```
Array list < Integer > listz = new Array (1571)
                  liste.add(1);
                   11562.00002);
                   115/2.add(5); E1,3,5]
              mat.add (list2);
                                       C20,30],
G[1,3,5]
   couter arraylist

(20,30], [1,3,5]

inner arraylists.
Array list < Integer > list3 = new Array (15/1505)
                list3. add (40);
                 1563.0dd Cso);
                 11543. add C60);
                  (xf3- add (76);
                  15/3. add (80); [40, 50,60,70,80]
                  mat. add (tist2) ( 0 20, 30)
              Mal. get (1). get (1); (3) 57 (2) [2 (40, 50, 60, 70, 80]
                mat.get(2).get(4);
```

X THE - END X

Down



https://www.interviewbit.com/snippet/6fd274bc0936a551c45f/