```
as Print all subacuays of a given accept
     [1,3, $, 5,8] N=5
     [17, [37, [17, [57, [8] \rightarrow subacceays of size 1 (5)
```

[137, [3,1], [115], [5,8] => Subarrays of size 2 (4) [1,3,1], [3,1,5], [1,5,8] => subarrays of 522 3 (3) [113,11,57 [3,11,5,8]-) subarrays of size 4 (2) [113,1,5,8] = subsecray of size 5(1)

a) hiver an accessy of size of N, how many subarrays does it have? [ao, ai, az, ..., an-z, an-z, an-1]

No of subcarrays = 1+2+3+4+5 = 15 n(n+1) = 5(6) = 15Size N->1

size N-1>2 v Start_index & length

872e N-2 >3 2) end index & length

3) Start_index & end-index size 1 >N

all subarraeps of a given average

[1,3,1,5,8] N=5[1] en=0 [1,3] en=1 [1,3,1] en=2 [1,3,1,5] en=3 [1,3,1,5,8] en=1

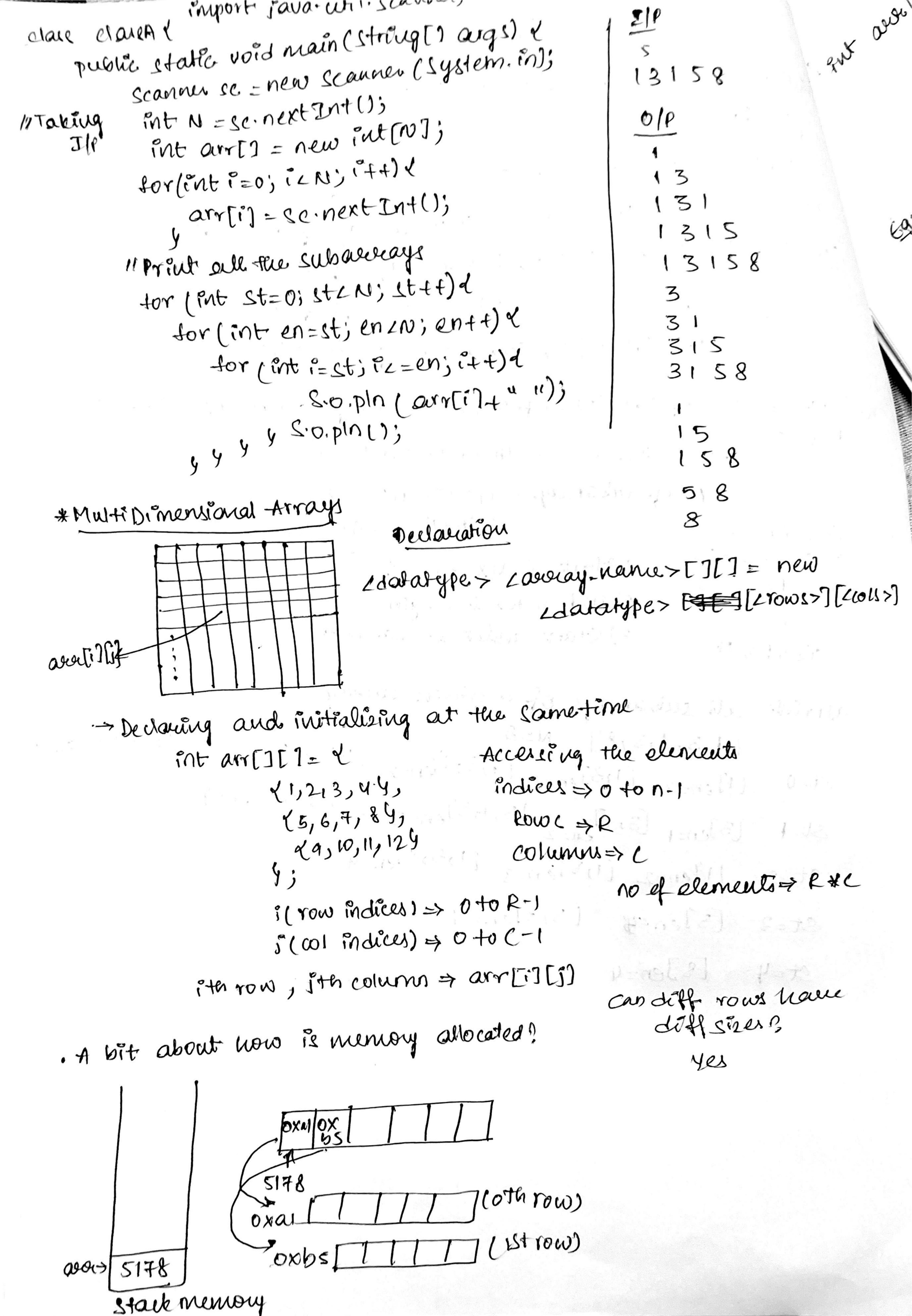
[3]en=1 [3,1] en=2 [3,1,5]en=3 [3,1,5,8]en=4

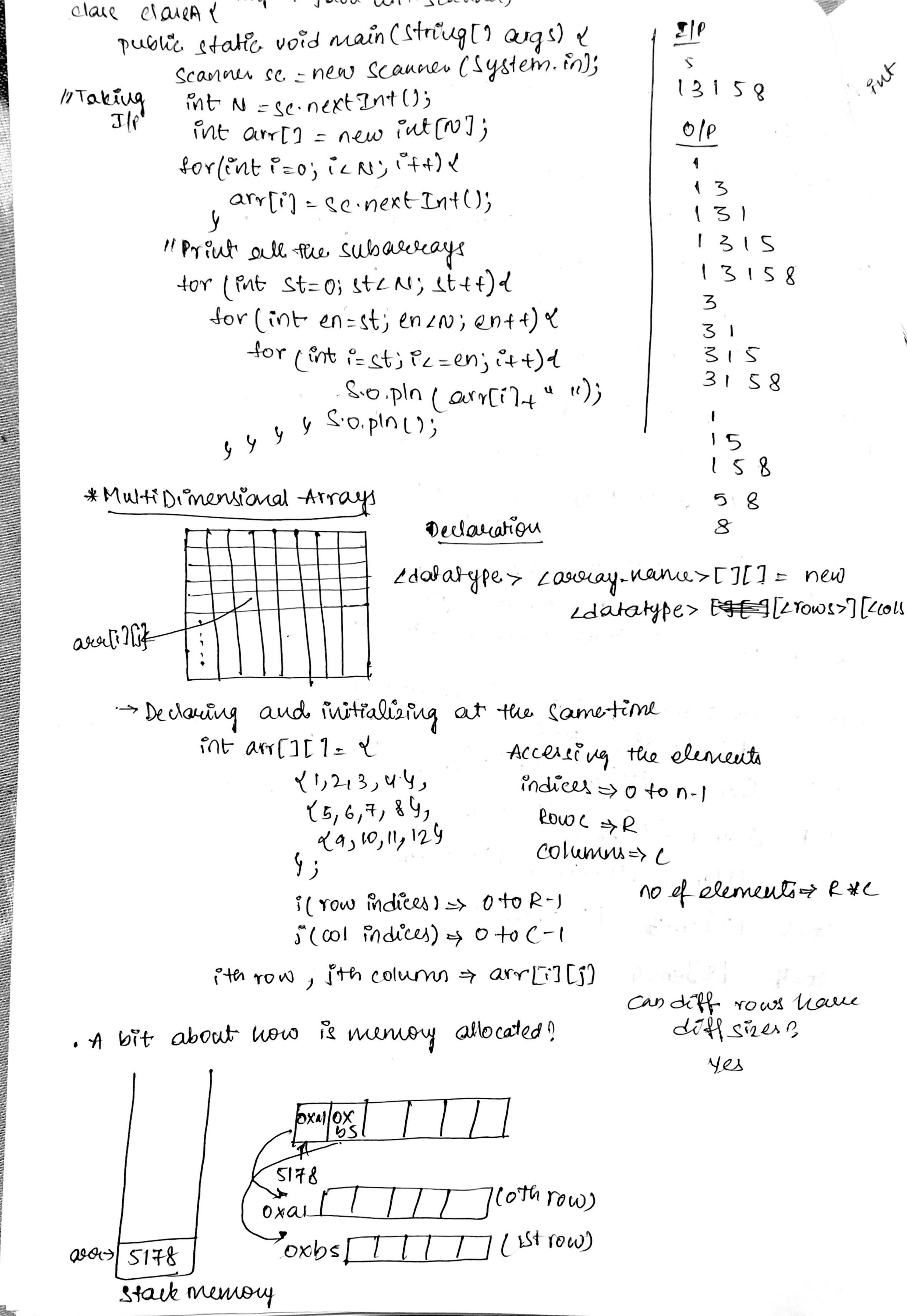
St=2 [1]en=2 [1,5]en=3 [1,5]en=4

[5,8]en=4st=3 [5]en=18

St=4 [8]en=4 (7) Million of annihing wife, was in

LEGISLA DE C.S.





```
ent aux [][] = new int[5][];
                                      (Taggediay)
               arroj-new int [3];
               ouriti] = new int[u];
               arr[2] = new int [2];
        public static void main (String[] args) &
   class classA
             int arr[][]= new int[6][3];
             s.o.pln (arr. leugth + "rows.");
             S.o.pin (CorrioJ. Length + "colcemns.");
int brr[][]= 2
 24,2134,
              17,8,9,10) row-wise transposal
            2 uises)
      for lint =0's izbrr. length; iff) &
         for lints=0; it britin.leveth; 14t)
                                             6 DOWS
         5.0.pln [brr[i][j]+"");
e.o.pln ();
                                            3 0015
          S.o.pin (bm[1][2]);
         11 Jagged away using new keyword
Ent jag [][]= new [N][3][];
                jag(1)= new fut(5];
                sio. pln [ jag[1] f" "+ jag[1]. leugth);
                s.o.pin (jagloj);
                  S.o.pln (jag [2]);
             21,213,49,
              25,6,7,84,
               29,10,11,129
                 Mounn-wise traversal
              for ( ent j=0', j' cor (o). length; j'++) <
                   for (int =0, iz crr. length; i++) &
                          c.o.pln(cryti)(i).tempth +"");
             449 S.O.Pln(1)
```

```
1) sut aux [][] = new int [5][];
                                    (Jaggediay)
              arroj-new int [3];
              arrti] = new int[u];
              arr[27 = new int [2];
       public static void main (String[] args) &
  clase chaseA l
            int arr[][]= new int[6][3];
            s.o.pln (arr. leugth + "rows.");
            S.o.pin (CorrioJ. Length + "colcemns.");
int brr[][]= 2
  21,2134,
             27,8,9,10) Row-wise transposal
     for lint =0's izbrr. length; iff) ?
         for lint j=0; j2 britin. leugth; j++)?
                                          6 DOWS
        5.0.pln [brr[i][j]+"");

6.0.pln ();
                                          3 0015
                                            456
         8.0.pin (bm[1][2]);
          11 Jagged averay using new keyword
           Ent jag [][]= new int[3][];
               gag(1)= new fut(5];
                Sio. pln (jag[1]f" 11+ jag[1]. leugth);
               s.o.pin (jageoj);
                 S.o.pln (jag [2]);
             21,213,49,
              25,6,7,84,
              29,10,11,124
                 Momenta traversal
              for (ent j=0', j'z cm(o). length; j'++) <
                  for(int i=0', i'z cm. length; i'++) &
           5.0.pln(christs).teagth +"");
```