```
Nama : Nur Halisah Fasya
NIM : 20090148 immalab parapal sujant estam surt = P =>X : 0 = X
Mata Kuliah: Algoritma dan Struktur Data 2.
A. I. Nested loop (100 motos prigos) 7012 10204 (101 1 - 1+0-1); ++1
   - Delicitation - Package - Package Nested Looping
   - Impor Library molob = prividak adam) , sunt = p = > 2 ; 2 = 1+1 = x ; ++x
   - Bagian class = Public class to 2. { x tring , 9017 = 500;0=0
   - Method main = Public static void main (string [] args ) {
   2, Array menogunakan looping 101 sumbly suff - A = > 2 = 3 = 42 = x = +50
   - Deklarasi Package : Tidak ada x 11119 9111 = 2 > 0 : 0 = 14
   - Impor Library = Tidak ada intry gutt = 8 >1 :1 = 1+0 = H > + + +
   - Bagian class = Public class marray Perulangan_3 {= 1+1 = 0 + +0
   - Method main Public Static void main (String args []) {
   - Documentation Section = 1/panjana array 3
B. I. Nested Loop
  public class no2 {
 PAPP public static void main (String[] args) { P>8 ;8=1+2=4 ;++4
      int x, y; molob engool gote stog  p : P = 1+8 = u + + +
 2/10d 1991/3 FOR (x = 0; x <=4; x++) {
          for (y=0; y<x; y++) { 0000 = A=> 2 - 2 - 1 + B = x - + + x
               System.out.print (x);
         System. out. println ();
```

Penjelasan ouzpa dozilok auu	Output
$X=0$; $X<=4$ \rightarrow True, make a lanjut looping dalam BA1000000	: MICH
$y=0$; $0<0$ \rightarrow Folise, make stop looping dalam.	
print () sotor 2 and ammonia	
$X++; X=0+1=1; X=0<=4 \rightarrow True$, langut Looping dalam	
y=0; 0<1 → true, print x.	1
y++; y=0+1=1; 1<1 → false, stop looping dalam	A. et. Nythed to
print () patient between special special special	12010)300 -
x++; x = 1+1 = 2; 2 < = 4 -> True, lanjut looping dalam month	J 109001 -
y=0; 0<2 → True, print x.) < 000 2000 21600 = 22000	10/00/2 -
y++; y=0+1=1; 1<2 -> True, Print x? minn	bod 1922 -
y++; y=1+1=2; 2<2 -> False, stop looping dalam no no more	rasmusor –
Print ()	Enter baris
$x++$; $x=2+1=3$; $3 \le 4 \rightarrow True$, langut looping dalam	B. ATTOM THE
$y=0$; $0<3 \rightarrow True$, print x	12/010/30(3-
y++; y=0+1=1; 1<3 -> True, print x 100 30bit = 100 100-100	J 7091133
y++; y= 1+1=2; 2 <3 → True, print x > 51009	1101100.333
y++; y=2+1=3; 3 <3 → False, Stop looping dalam	bod19M -
Print () E POTRO ORDING N - NOTHO	nomuses -
$x++$; $x=3+i=4$; $4 <= 4 \Rightarrow \text{ True}$, lanjut looping dalam	
$y=0$; $0<4 \rightarrow true$, print x	6. j. 14 Sted La
y++; y=0+1=1; 1<4 -> True, print x print x	A 900144
y++; y=1+1=2; 2 <4 → True, prin+ x	200 2444
y++; y=2+1=3; 3<4 → true, print(x) mom blow 3 2000 311	4444
$y++$; $y=3+1=4$; $4<4 \Rightarrow$ palse, stop looping dalam	ir
Print () } (++x : P=> x :0 = x) 10	enter baris
x++; x=4+1=5; 5<=4 -> False, stop looping dalam)	
Sustein, cut. print (x);	
End	
ustem cut, println ();	12
Hosil = 1	1
22	
333	1
4444	

```
2. Array menggunakan looping
  public class array Perulangan_3 f
      public static void main (String args []) {
      String [] siswa = { "Reinan", "Odena", "Geanno" }; // panjang array 3
          FOR (int i=0; i< siswa. length; i++) f
          System. out. println ("Indeks ke" + i + " = " + mahasiswa [1]);
  Penjelasan
  Sisua length adatah panjang/banyaknya data sisua dalam array.
   i=0;0<3-) True.
   Println ("indeks ke" + i + "=" + Siswa [i])
                                                                0 = Reinan
   i++; i=0+1=1; 1<3 -> True
   printin ("Indeks ke" + i + & "=" + siswa [i])
                                                                1 = Odena
   itt; i=1+1=2: 2 < 3 -> True
   Println ("Indeks ke" + i + "=" + siswa [i])
                                                                2 = Geanno.
   itt; i=2+1=3; 3<3 -> balse program selesai.
```