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Tugas ! Pengayaan Looping dan Array

1. a) Deklarasi package : package nested looping;
   - Impor library : -
   - Bagian class :
   ```
   public class nos {
           public static void main (String [] args) {
           Int x.y;
           for (x = 0; x<4; x++) {
               System.out.print (x);
           }
           System.out.println ();
           }
   }
   ```

   - Method main :
   ```
   public static void main (String [] args) {
   Int x.y;
   for (x=0; x< =4; x++) {
       for (y=0; y<x; y++) {
       System.out.print (x);
       }
   System.out.println ();
   }
   }
   ```

   - Documentation Section : -

b) Penjelasan	Output
1. X = 0; 0< =4 → T ; lanjut ke looping dalam	
2. y=0 : 0< :0 → T ; print 0	0
3. Y++ ; y = 0+1 =1, 1< =0 → f, Stop looping dalam	
4. print ()	enter baris
5. X+t ; X = 0+1 =1; 1< =4 → T : lanjut looping dalam	
6. y=0; 0< =1 → T : print 0	0
7. Y++; Y = 0+1 =1; 1< =1 → T : print 1	01

8. y++ ; y = 1+1 = 2 ; 2< =1 -> f , stop looping dalam	enter baris
9. print ()	.
10. ...	
dst dijelaskan hingga output menjadi 01234	01234

2. a) - Deklarasi package : -
   - Impor library : -
   - Bagian class
     Public class array perulangan.3 {
     public static void main (string args []) {
     String [] siswa = { "Reinan", "odena". "Geanno" };
     for (int i = 0 , i < siswa . length ; i +1) {
     system . out print in ("indeks ke + i + " = " + mahasiswa [i]);
          }
        }
     }
   - Method Main :
     public static void main (string args []) {
     String [] siswa = { "Reina , "odena", Geanno" };
     for (int i = 0 ; i < siswa . length ; i ++) {
     system . out println ("indeks ke" + i + " - " + Mahasiswa [i]);
          }
        }
   - Documentation section :
     // panjang array 3

b) Penjelasan	Output
1. i = 0 ; 0<3 -> T ; print mahasiswa [0]	Reinan
2. i++ ; i = 0+1 = 1 ; 1<3 -> T ; print mahasiswa [1]	Odena
3. i++ ; i = 1+1 = 2 ; 2<3 -> T ; print mahasiswa [2]	Geanno
4. Selesai	