

CNAS 12A 5-6-10

LL

-
- midterm 1 returned
 - Pa4 posted
 - lab4 Due
-

Ex.

ReadIntegers.java

```
Scanner sc = null;
```



Read in text:

- SelectionSort.java (p. 150)
- Binary Search.java (p. 133)
- Primes.java (p. 155)

Multidimensional arrays

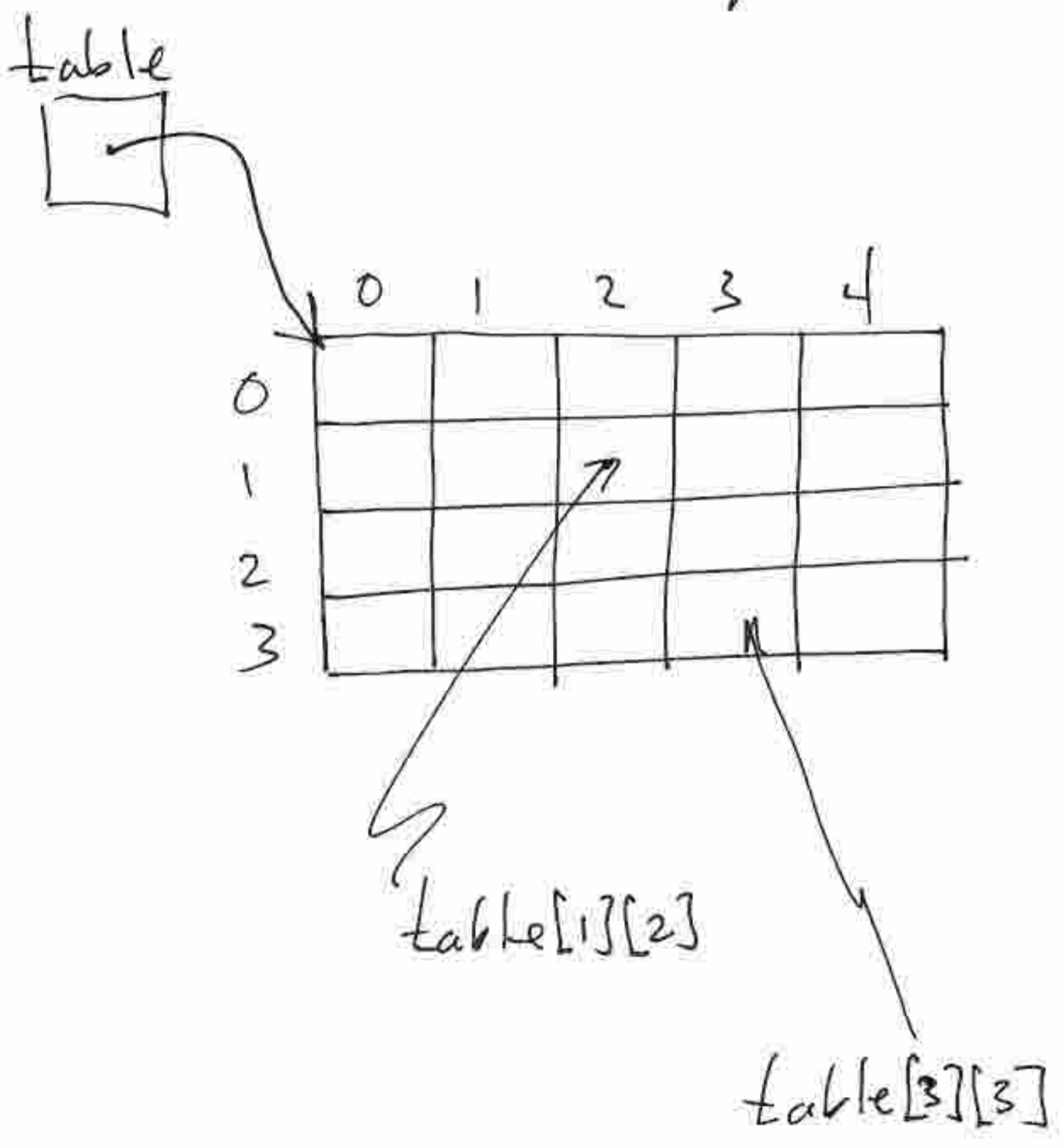
```

Ex. String[] list; // 1-dim
      double[][] table; // 2-dim
      int[][][] cube; // 3-dim
      table = new double[4][5];
  
```

Ex. on

```
double[][] table = new double[4][5];
```

creates in memory :-



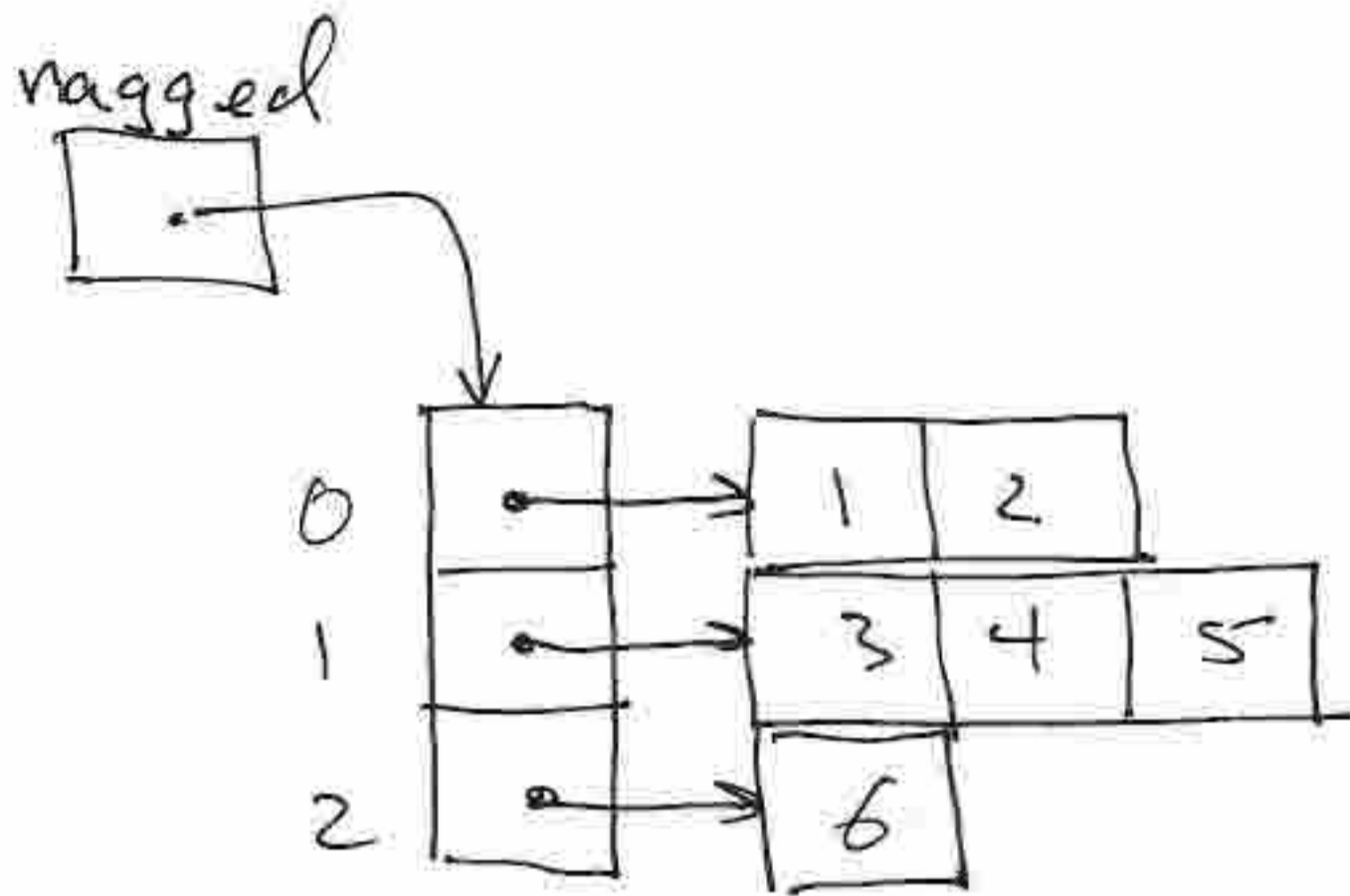
Ex. declare, allocate, initialize:

```
double[ ][ ] table = { { 1.1, 2.2, 3.3, 4.4, 5.5 },
                       { 1.2, 2.3, 3.4, 4.5, 5.6 },
                       { 0.0, 0.1, 0.2, 0.3, 0.4 },
                       { -1.1, 2.3, -0.2, 4.5, -5.5 } };
```



	0	1	2	3	4
0	1.1	2.2	3.3	4.4	5.5
1					
2					
3			-0.2	4.5	-5.5

Ex. Ragged.java



Read in text:

• the game of life (p. 140-148)