## Chapter 17 Exercise: Write in a word file or text file.

Consider the following *a* matrix for problems 1 - 11:

- 1. Write a single line of code that will create the above integer array. Call the array a.
- 2. Write a line of code that will printout the array element occupied by -101.
- 3. The above table can be described as:

```
(a) an Array (b) a Matrix (c) numbers that could be represented as subscripted variables (d) a, b, and c (e) none of these
```

- 4. Write a line of code that will print the number of rows in matrix a.
- 5. Write a line of code that will print the number of columns (in matrix a) in the row given by index 2.
- 6. What is printed by System.out.println(a[1] [3]); ?
- 7. Show what the printout will look like:

```
for (int row = 0; row < a.length; row++)
{
    for(int col = 0; col < a[row].length; col++)</pre>
```

11. Show what the matrix a would look like after the following code executes:

Arrays.fill(a[2], -156);