

Pixel coordinates

This grid is a tiny picture stored as `pixels` . Each number is a brightness.

Name: _____

Date: _____

	0	1	2	3	4	5
0	137	145	210	110	196	24
1	135	89	3	159	118	5
2	76	223	18	218	226	11
3	34	205	11	47	206	178
4	133	39	55	177	66	245
5	111	252	83	169	47	41

1 What is `pixels[2, 3]` ?

Answer

2 Which pixel is the brightest? Give its `[row, column]` .

Answer

3 Write the code to get row 0, column 5.

Code

4 Slicing. What does `pixels[0:2, 0:3]` give? Shade that block on the grid, then write its numbers here.

Remember: `0:2` starts at 0 and stops before 2, so it gives rows 0 and 1 only.

5 Write the slice that would give the bottom-right 2×2 block.

Code