Question Answers:

**Question:**

What is max pooling? (Give a brief, 1-sentence description)

**Answer:**

Max pooling is when you pool a window, and the output is the max within that window.

**Question:**

If I apply pooling of 2 (2,2 window with a stride of 2) to a (6,6) array, what is the resulting size?

**Answer:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 5 | 6 | 7 | 9 | 4 | 5 |
| 6 | 1 | 3 | 6 | 8 | 2 |
| 3 | 4 | 6 | 7 | 8 | 0 |
| 0 | 6 | 2 | 1 | 7 | 5 |
| 7 | 6 | 3 | 9 | 0 | 1 |
| 1 | 2 | 4 | 4 | 3 | 0 |

6, 9, 8, 6, 7, 8, 7, 9, 3