

## Computational Photography (CSCI 3240U) — In-class Exercise

Please hand in this paper to the instructor before the end of the lecture.

Lastname (PRINT): \_\_\_\_\_ Firstname: \_\_\_\_\_

Student number: \_\_\_\_\_ Date: \_\_\_\_\_

**Q.** Consider the following mosaiced sensor output that follows the Bayer's pattern.

1	2	2	1	4	3
1	4	4	2	6	2
3	2	2	4	5	5
2	4	4	3	4	4
2	5	2	5	1	1
1	2	2	3	3	4

You are asked to construct a  $6 \times 6$  RGB image via bilinear interpolation.