

Assignment A1 Marks

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A1 objectives

[1/1pt] The user interface has the correct controls in a reasonable layout. The controls work appropriately.

[1/1pt] The program is able to draw a 3D grid of cubes of the correct sizes and locations.

[1/1pt] Bars of cubes can be given at least one of eight colours, as described above.

[1/1pt] There is an active cell, which is clearly indicated in the user interface. The indicator is drawn on top of all other scene geometry.

[1/1pt] The space and backspace keys work as described above.

[1/1pt] When used without the shift key, the arrow keys move the active cell around.

[1/1pt] When used with the shift key, the arrow keys move the active cell around while copying information from the previously active location.

[1/1pt] Rotation works as described above.

[1/1pt] Scaling works as described above.

[1/1pt] The reset button returns the user interface and grid state to the starting state.

Total Points: 10 / 10

Marked by Boris Kravchenko