Random Visibility Sampling

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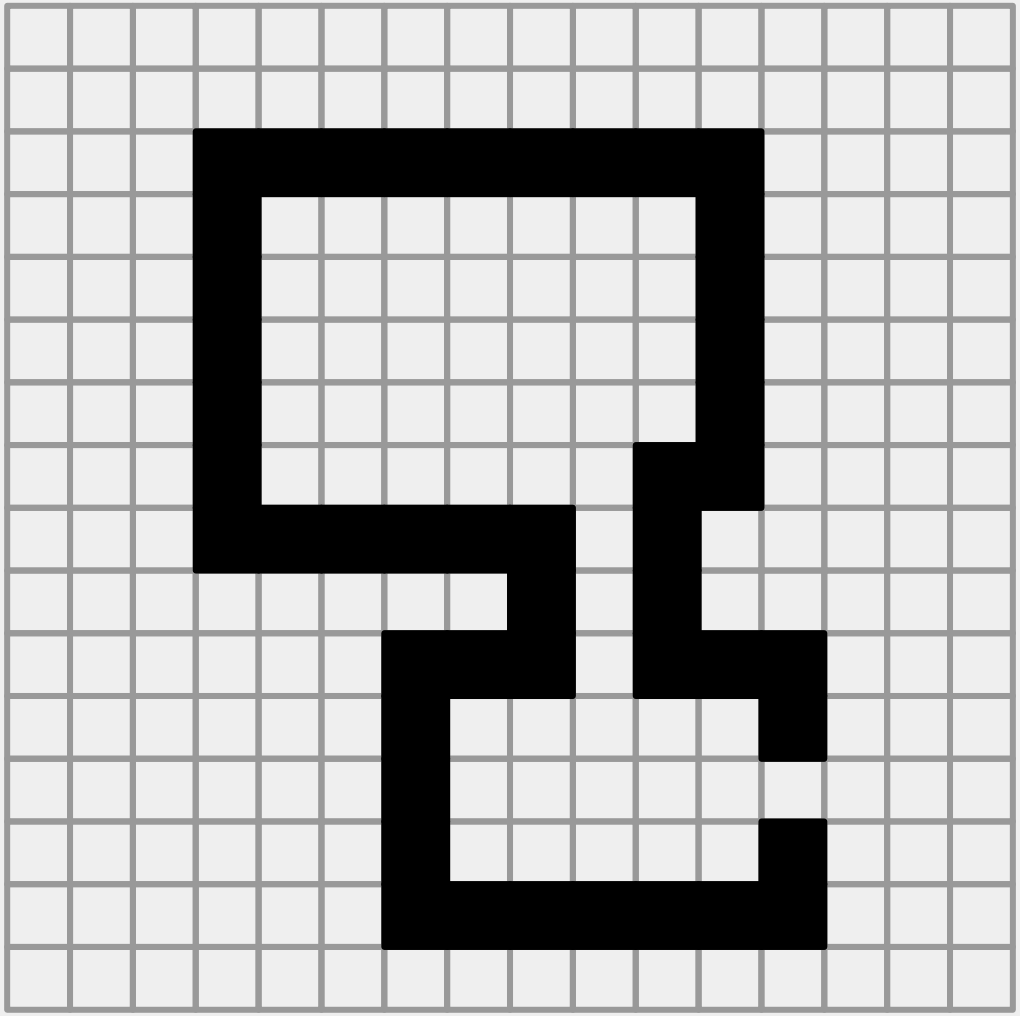
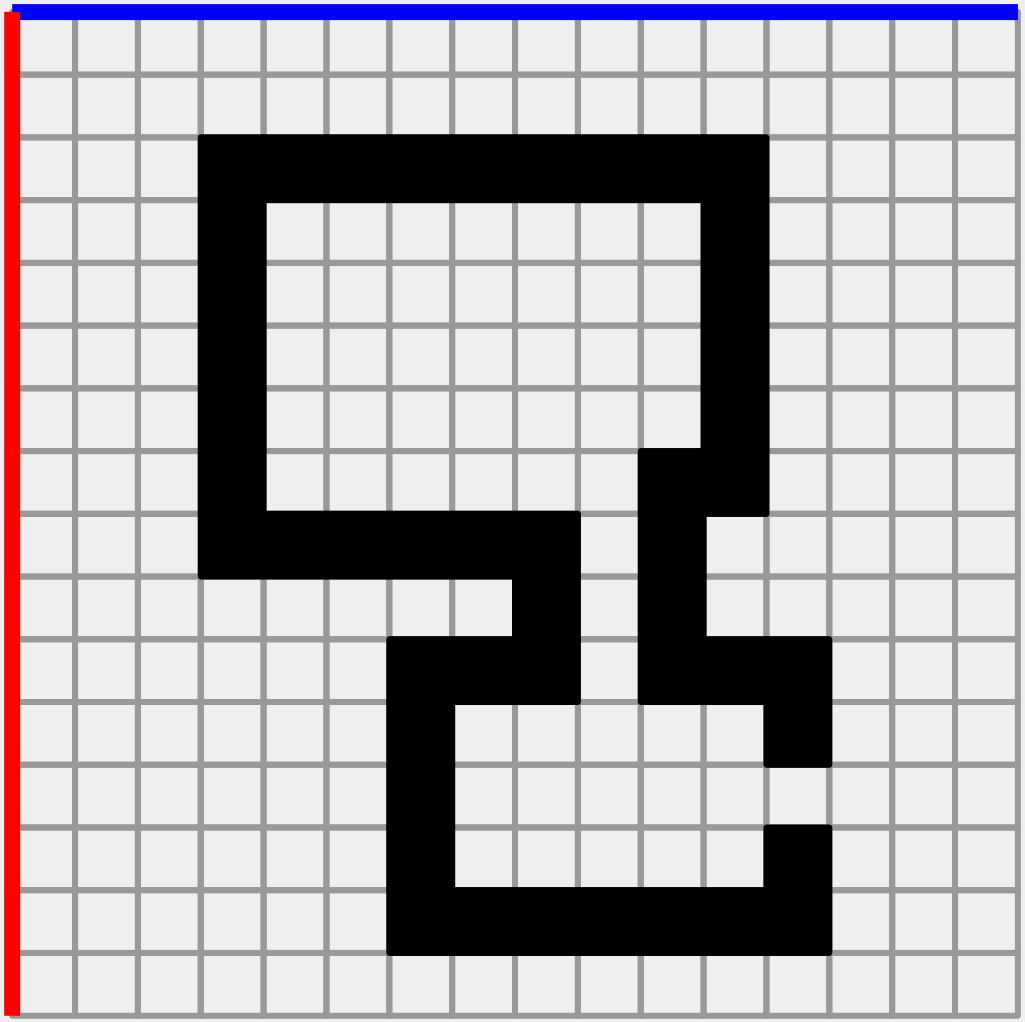
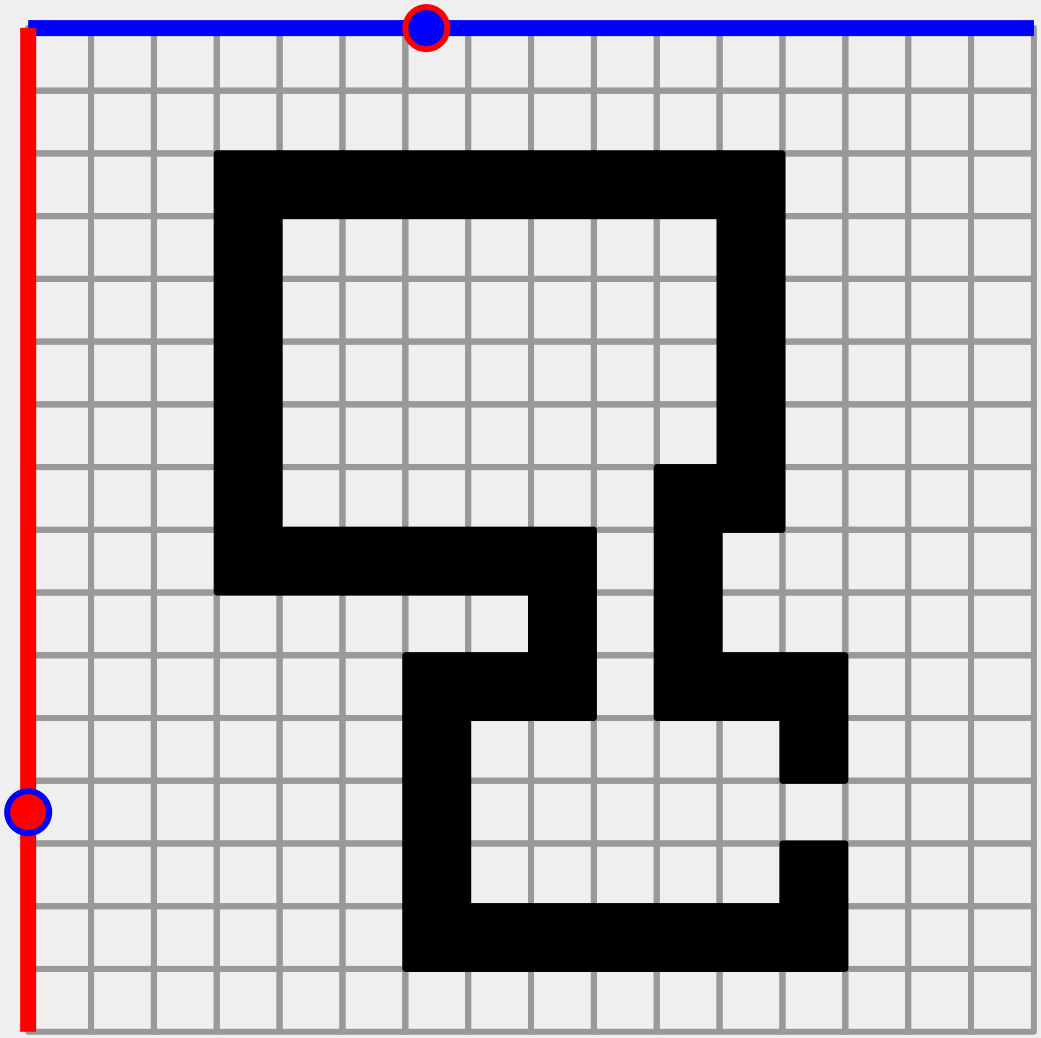
Scene as a 2D Grid



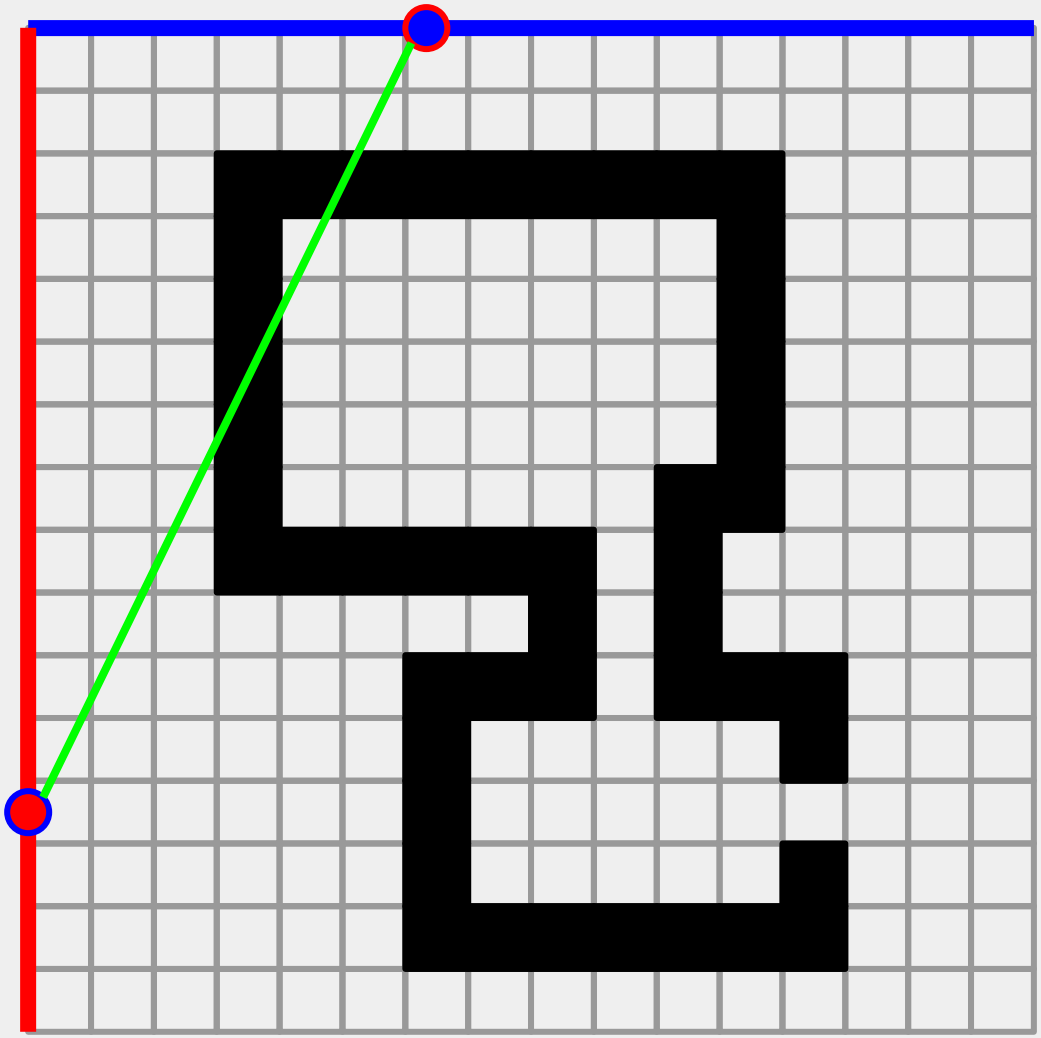
Randomly select 2 Sides



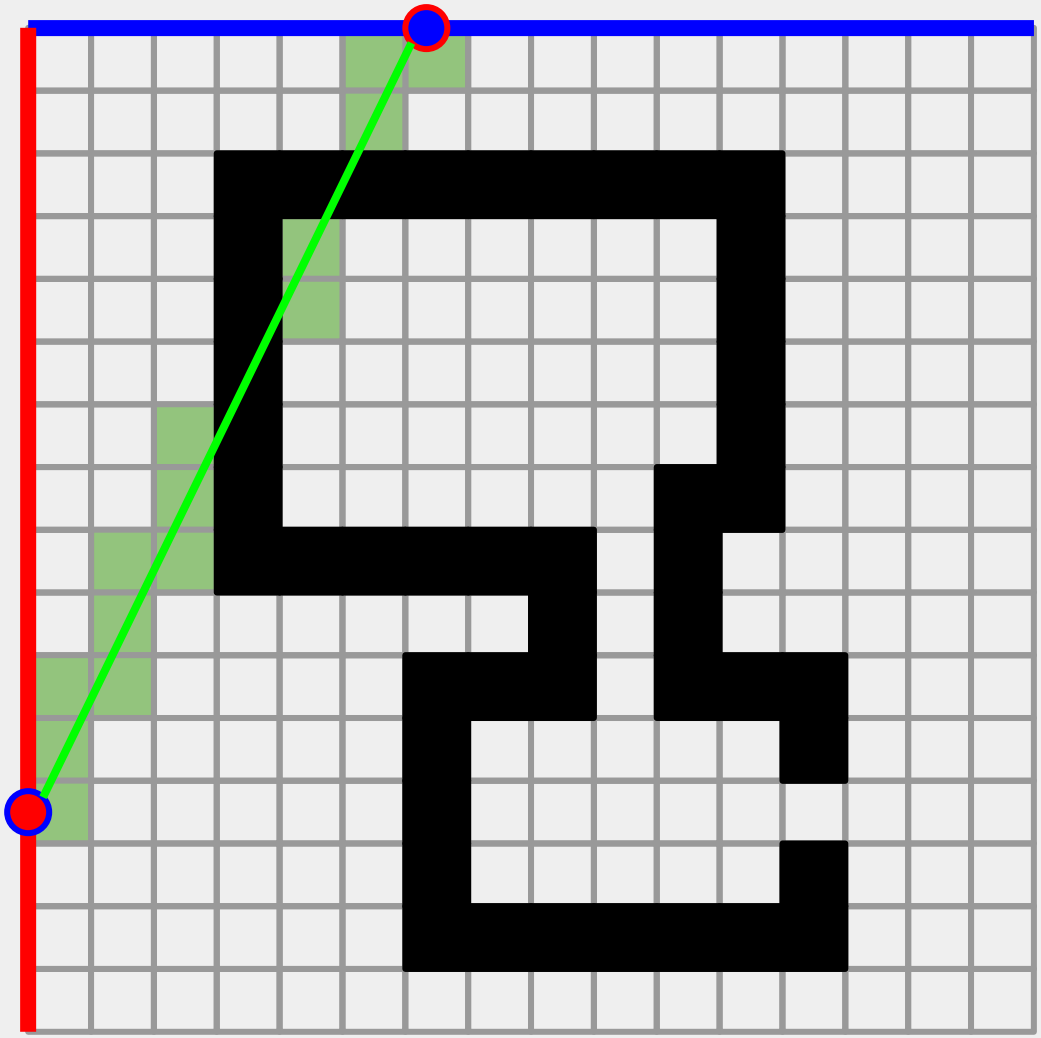
Sample 1 point for each side



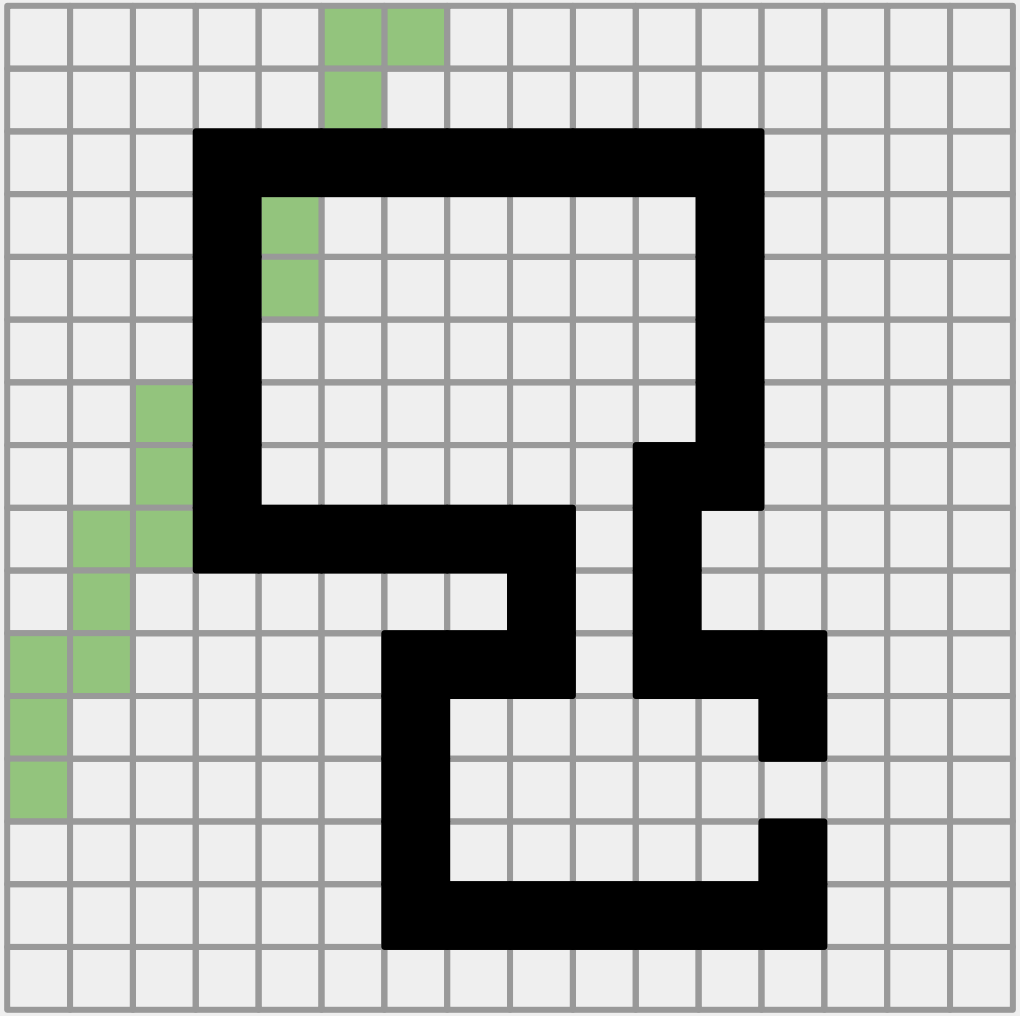
Join them using a line



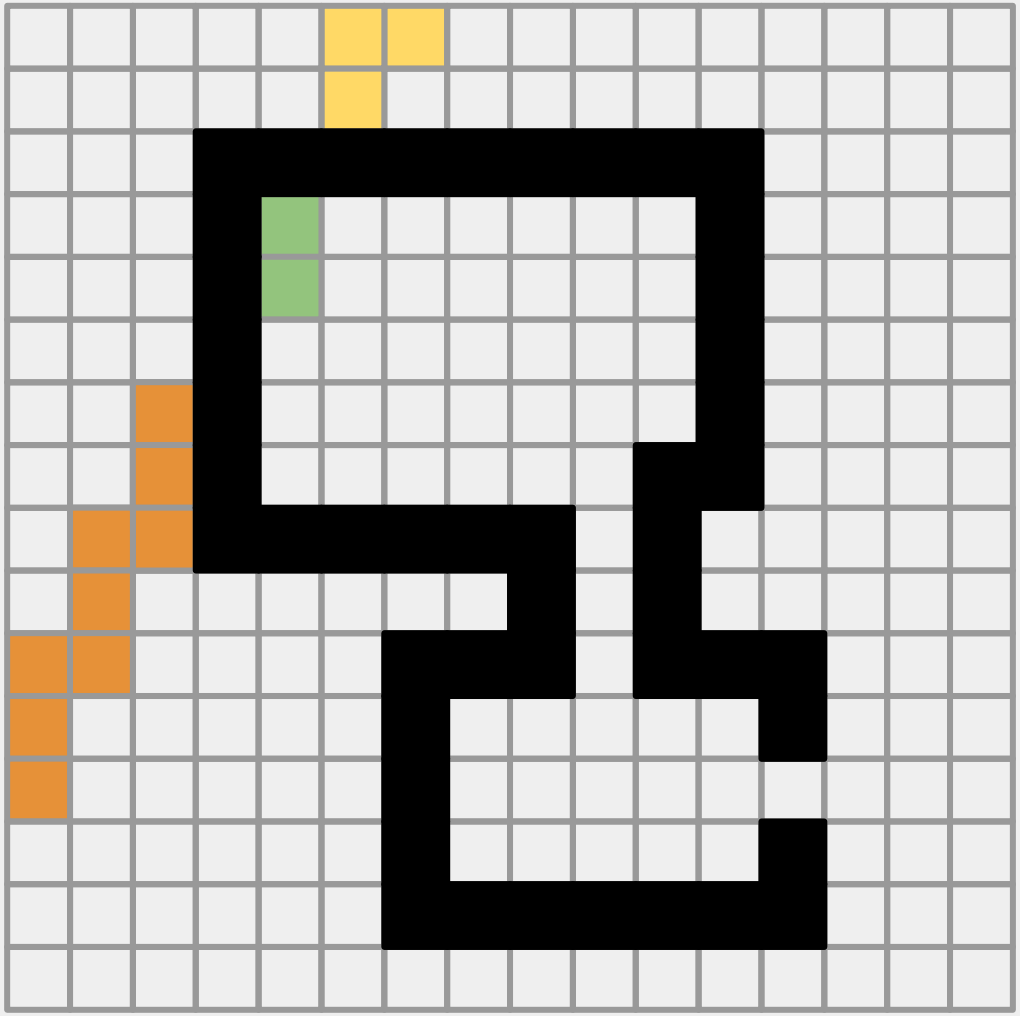
Compute the intersected cells



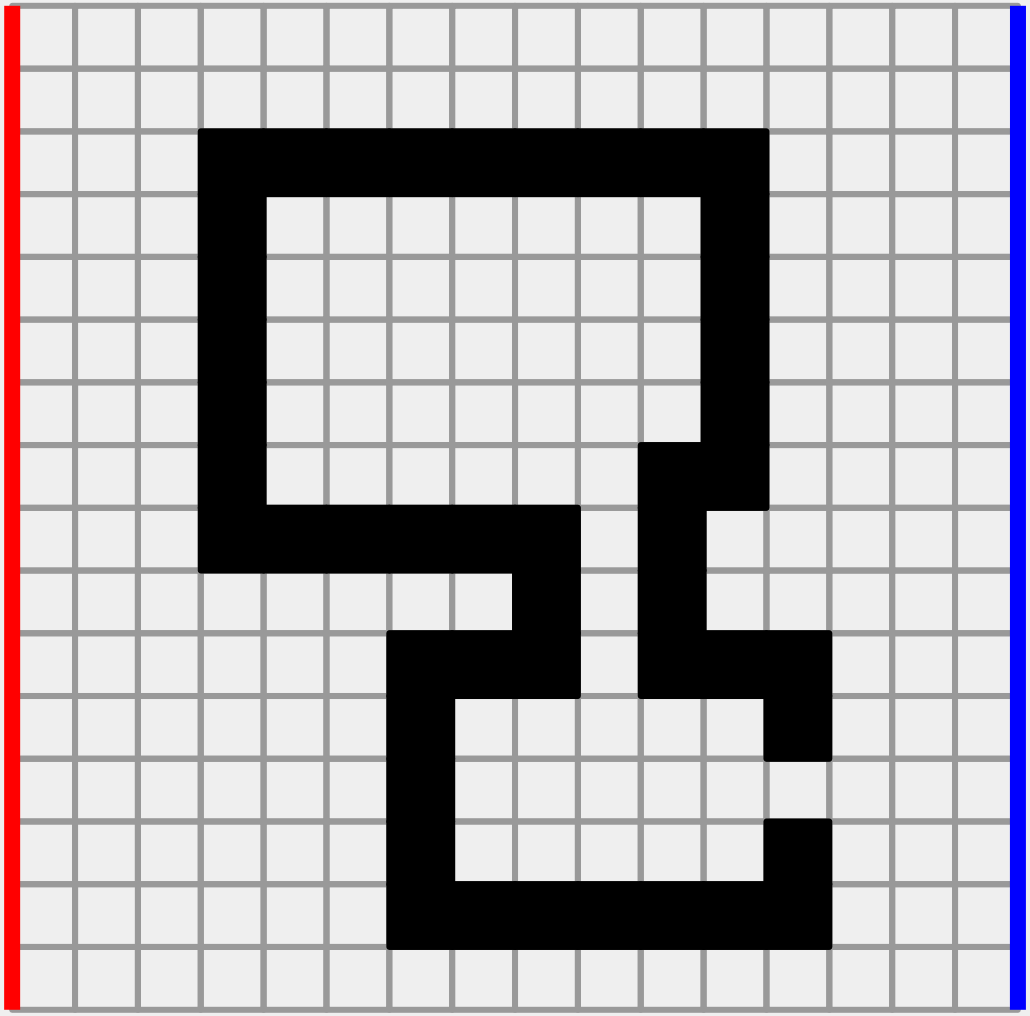
Compute the intersected cells



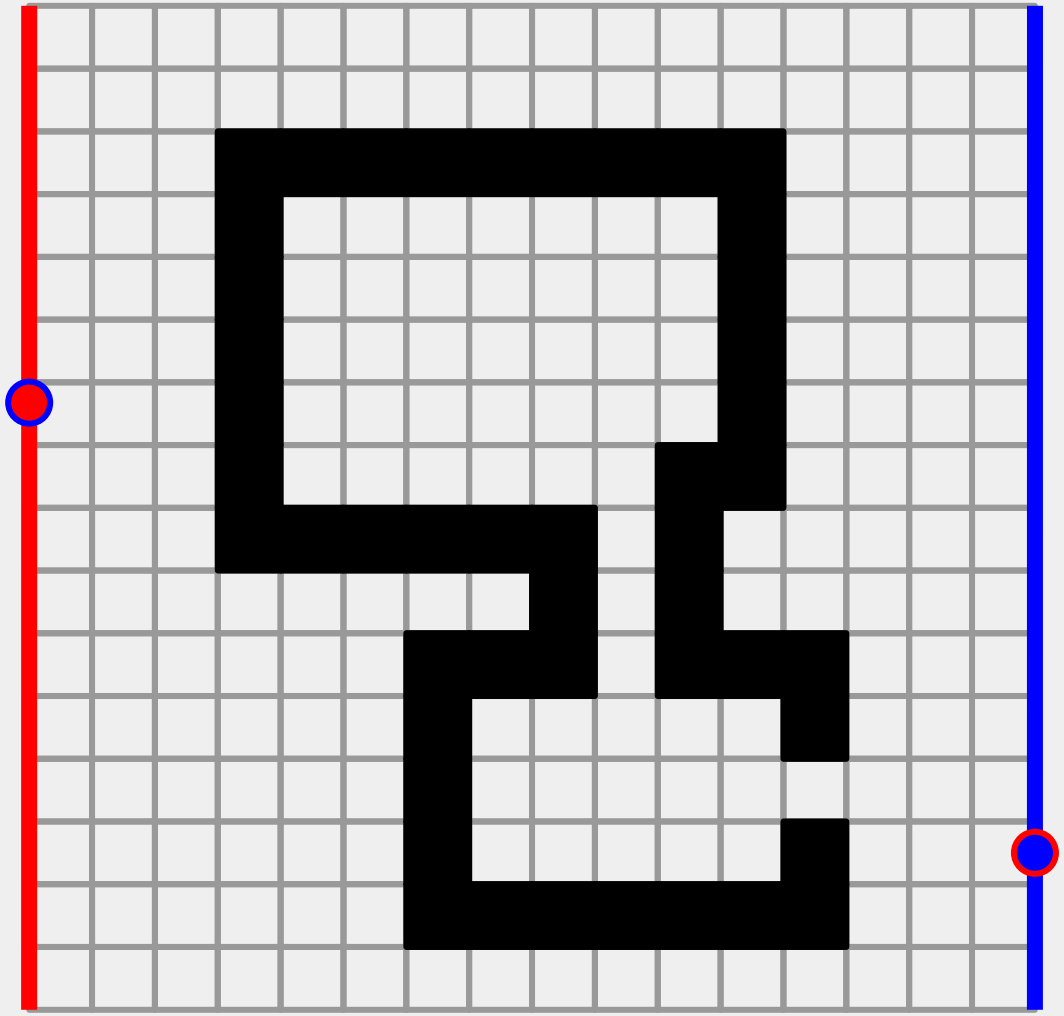
Split into visible subsets



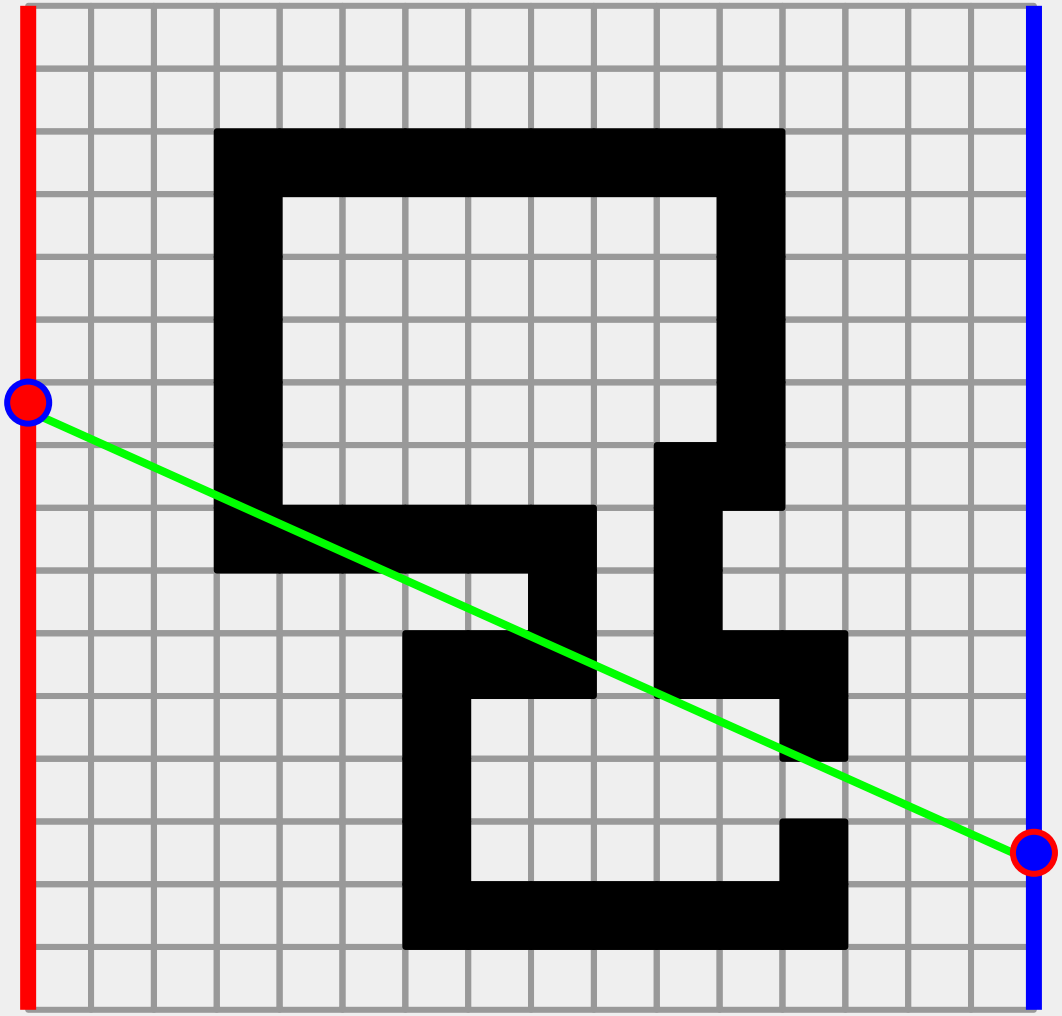
Repeat n times



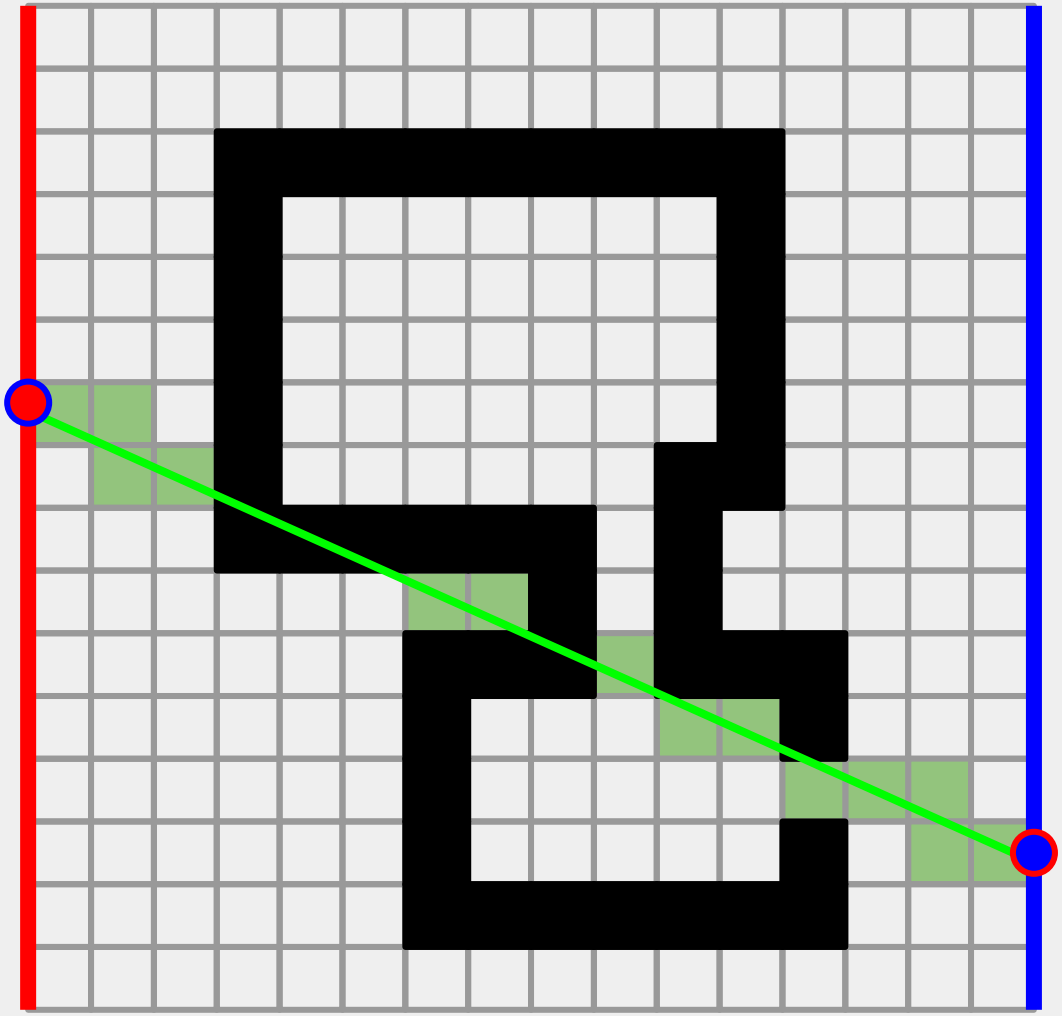
Sample 1 point for each side



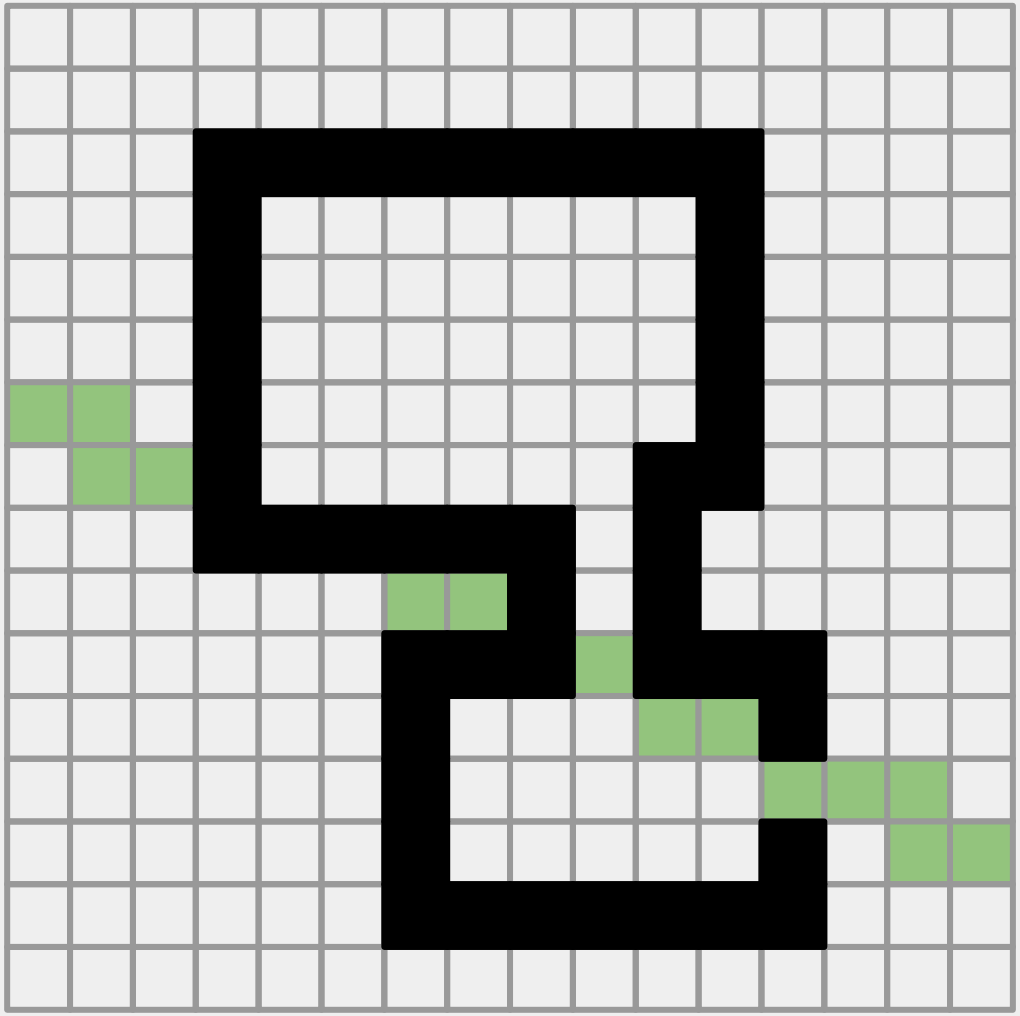
Join them using a line



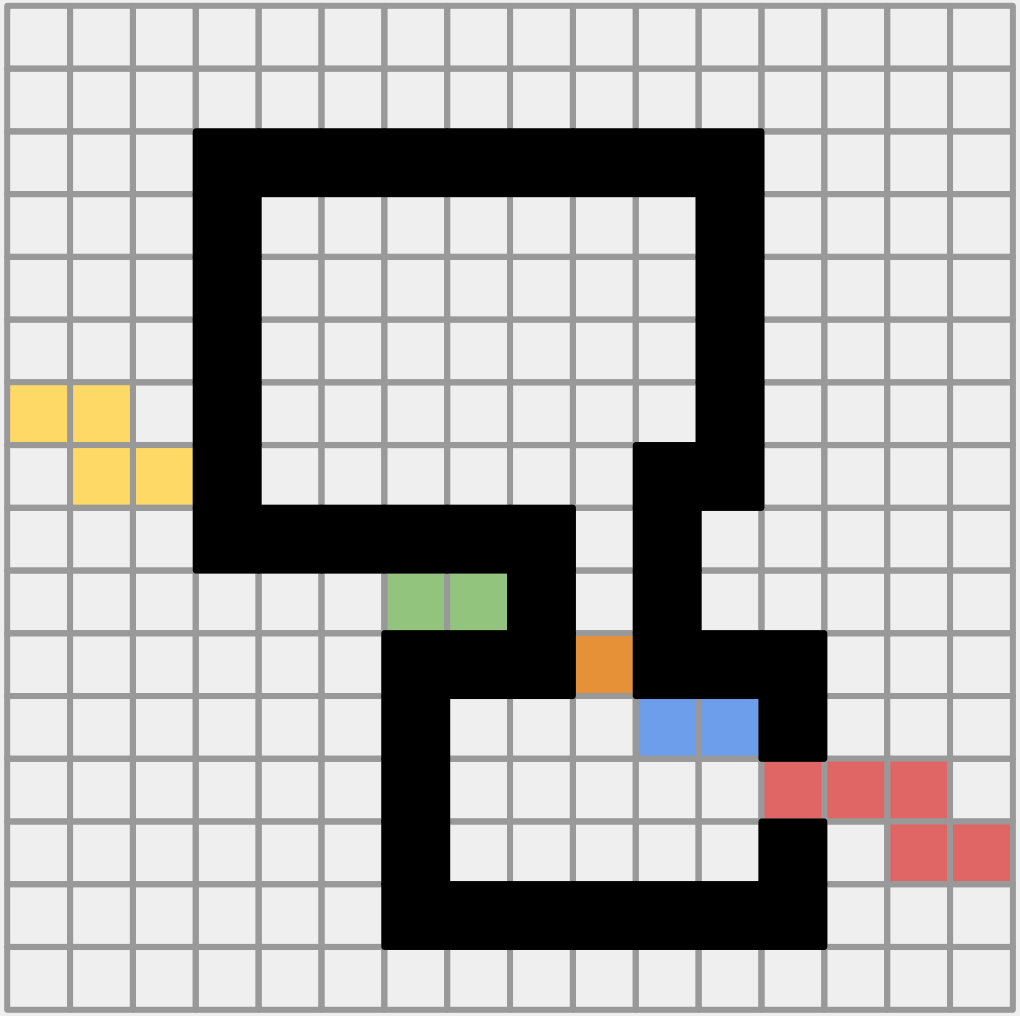
Compute the intersected cells



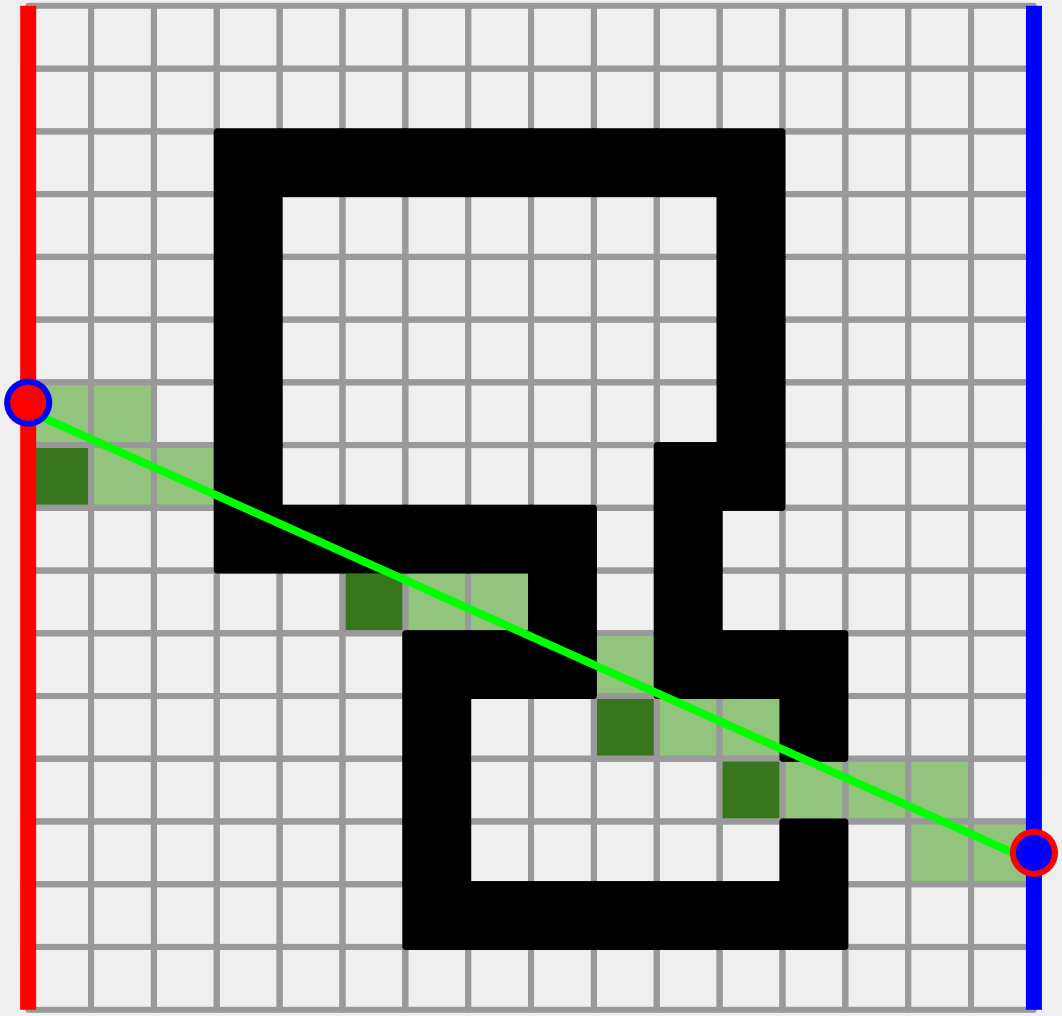
Compute the intersected cells



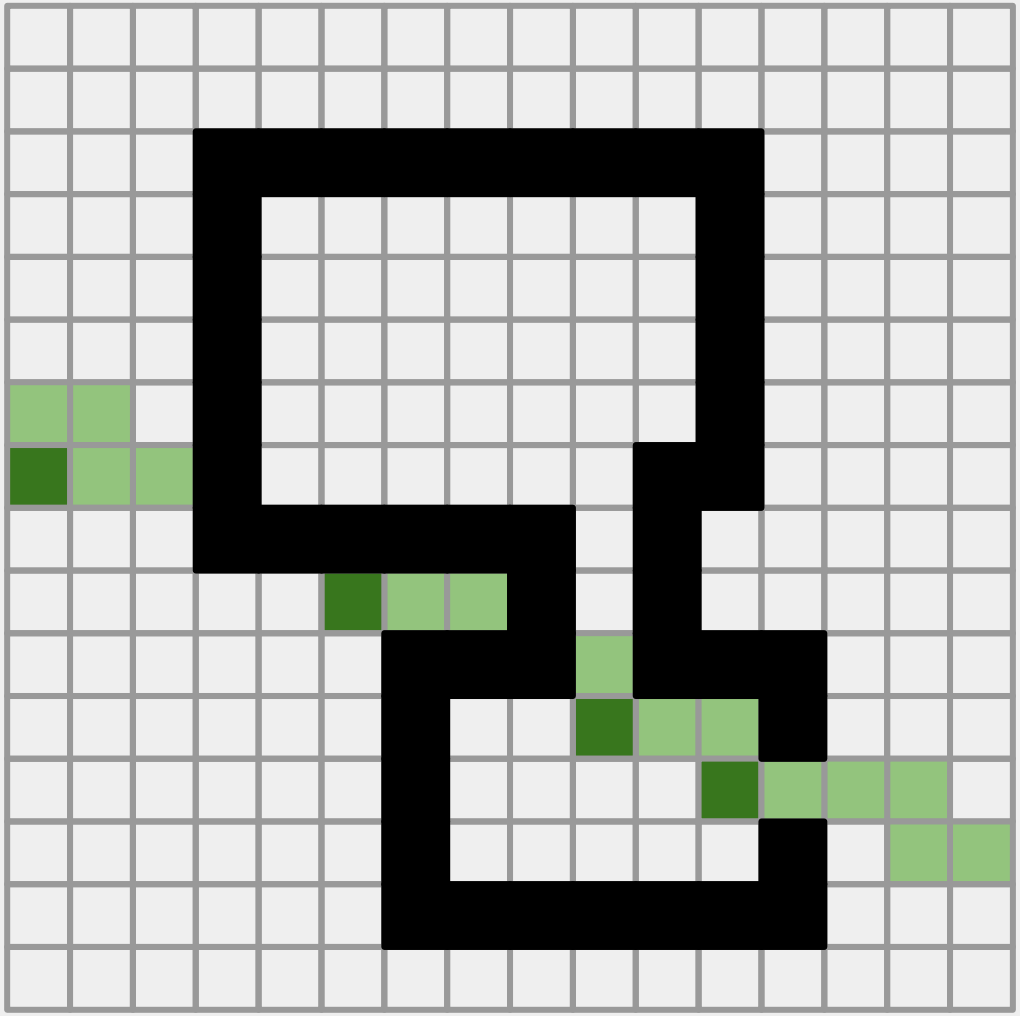
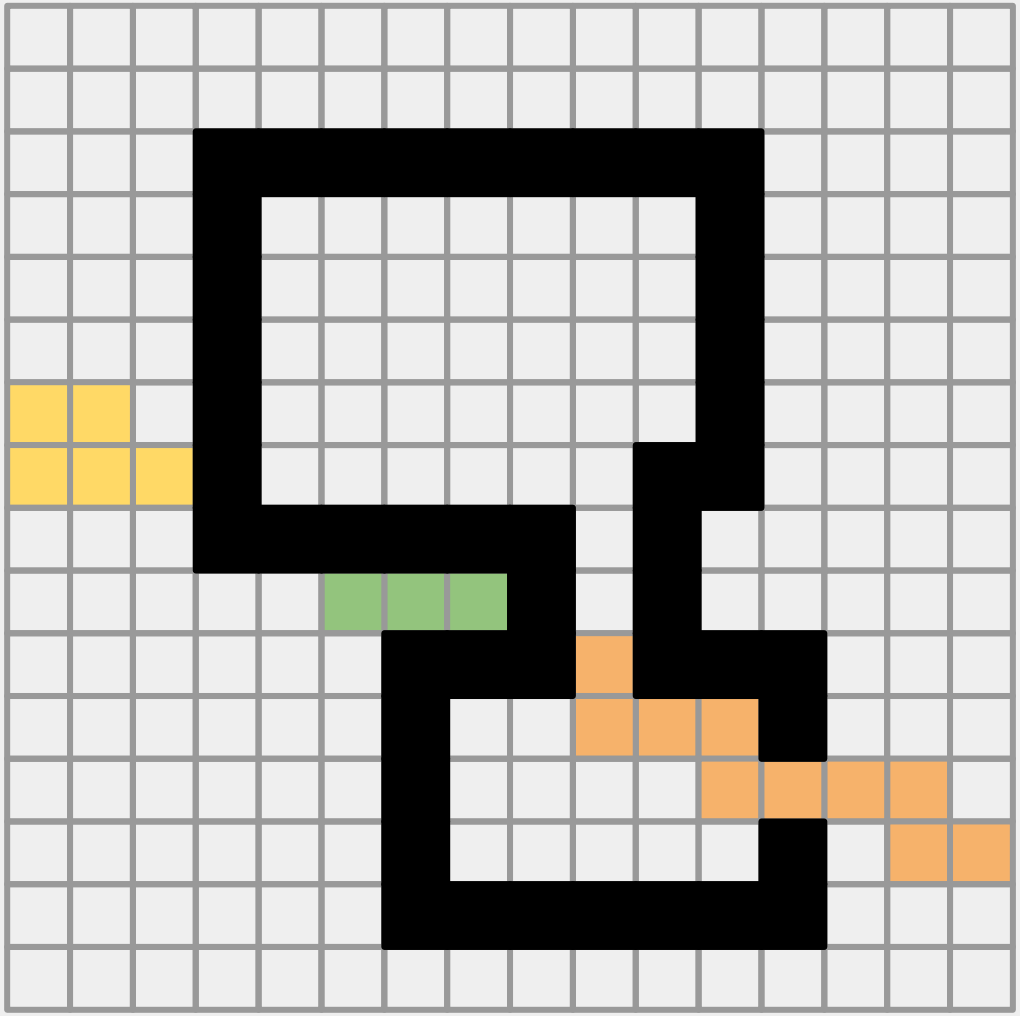
Split into visible subsets



Bresenham Supercover



Compute the intersected cells



Split into visible subsets