

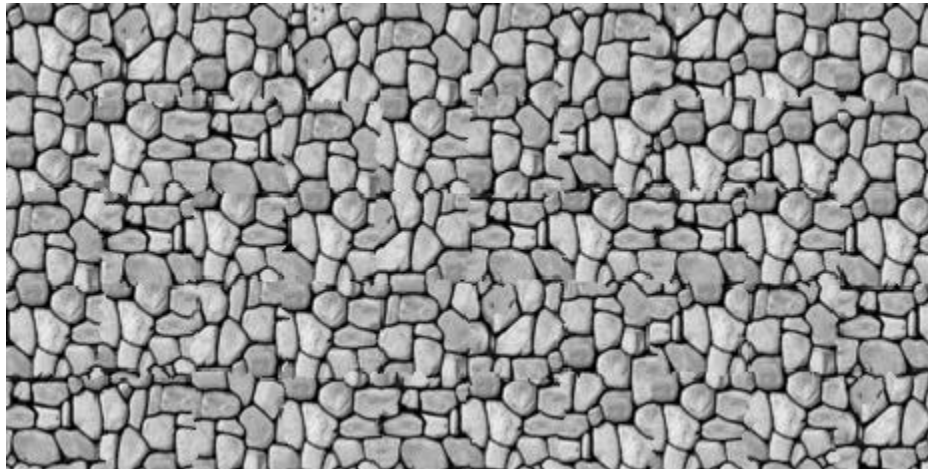
CompSci 116: HW#3 Writeup
Default Test on rock_wall.jpg:

1.



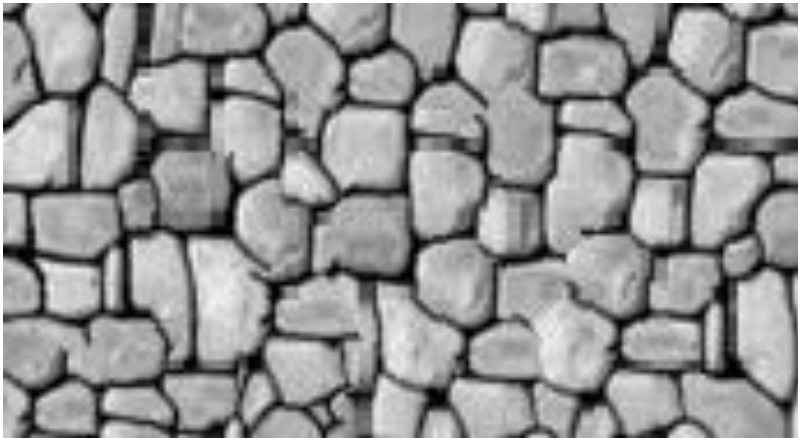
This is the default parameters.

Increased Tile Size (tilesize = 50) on rock_wall.jpg:



Increasing the tilesize will increase the actual dimensions of the tiles being used to quilt and stitch together, so there is more of the original tile visible in each cropped tile.

Increased Overlap (overlap = 15) on rock_wall.jpg:



Increased overlap means that during the stitching process, there is more pixels to calculate over when finding the shortest path. It makes the stitching more smooth because there is a larger sample size.

Decreased K (K=2) on rock_wall.jpg:



Decreasing K affects the top tiles used to determine which tile are to be used in the final stitching. It is also the first value in tindex. There will be less random tiles being chosen because there is less to choose from.

2.

Custom Image 1: Map
Input Image:



Output Synthesis:



Custom Image 2 : Flower Pattern



Output Synthesis:

