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1) Increasing the tile size
Increasing the tile size only seemed to make decrease the sampling size, which would mean we'd need more sampling images to make the result. When I increased the tile size, this also increases the amount of sampling images, which explains why a higher density of the sampling image is visible in the final image.

2) Increasing the overlap
My image was definitely affected by the increase in number of pixels overlapped. The resolution was lessened and there were less sampling images. The resolution must have decreased because the overlapped region covered much of the image and only left some of the details as a result of increasing number of overlapping pixels.

3) Decreasing the value for k
Decreasing the k value seemed to not really change my image much. The k value represents the top nearest neighbors. Since my image may not have many near neighbors, an extreme k value seems to not make much of a difference.
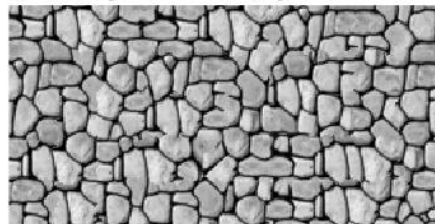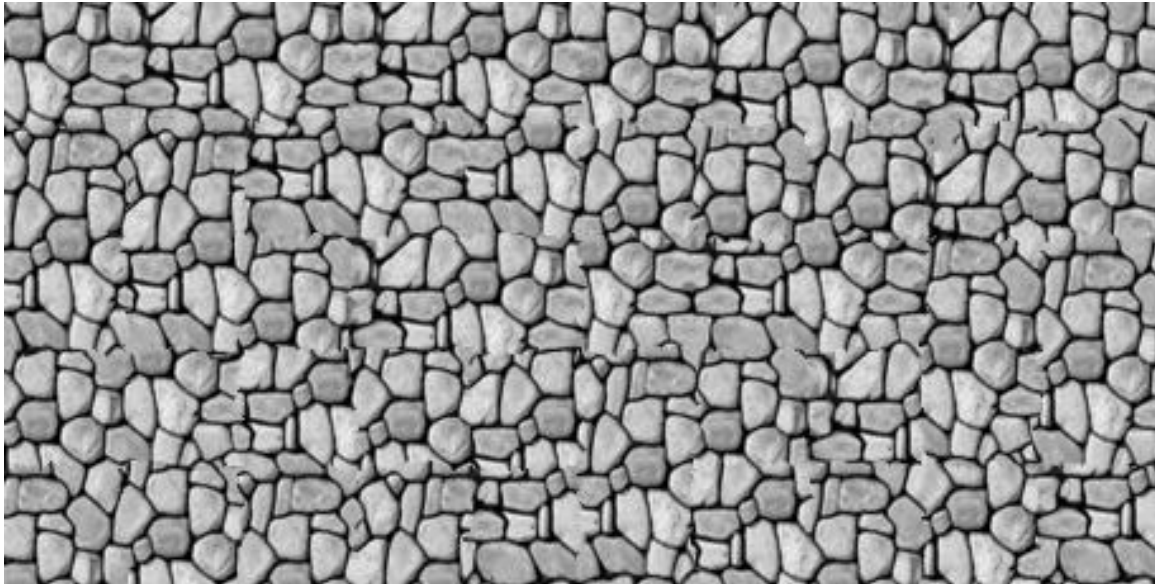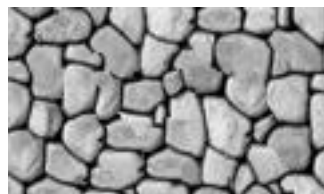
original sample
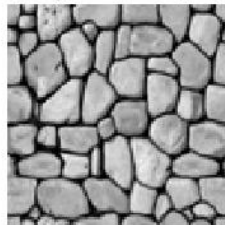
synthesized, pasted

synthesized, quilted

Tile size = 50

Overlap = 20

K = 1

Tile size = 60, overlap = 5, k = 5

Tile size = 60, overlap = 5, k = 5