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1   This algorithm copies the top of an image to the bottom

Algorithm 1 Top-Copy

1: $ht \leftarrow \frac{h}{2}$
2: **for** $y = 0, y < ht, x = 0, x < w$ **do**
3:     $i \leftarrow ht + y$
4:     pixel(x, i) $\leftarrow$ pixel(x, y)
5: **end for**