Goal: place 2 images side-by-side on a canvas (one window/other image).

1) Create blank image canvas that fits both images:

\[ w_1 + w_2 \]

Goal:

Slot 1

\[ \text{Canvas} \]

\[ \text{Miller} \]

\[ \text{Winter} \]

Slot 2

\[ \text{Canvas} \]

\[ \text{One window or one image.} \]
2) Place each image (Miller and Winter) in one of the 2 "slots" in canvas.

To place an image in each slot, we need to copy all pixel values from each image to proper location in canvas (canvas starts blank).

-Origin (0,0)
Copying an image to slot 1 or 2. Same process, just shifted.

$X$ shifted by $w_1$, miller's shift.

Same copy process as for miller.

$(x, y) = (w_1, 0)$