Language	MATLAB/Octave	Python	R
Flip left-right	`fliplr(a)`	`fliplr(a) or a[:,::-1]`	`a[,4:1]`
Flip up-down	`flipud(a)`	`flipud(a) or a[::-1,]`	`a[3:1,]`
Rotate 90 degrees	`rot90(a)`	`rot90(a)`	
Repeat matrix: [a a a ; a a a]	`repmat(a,2,3)` Octave: `kron(ones(2,3),a)`	`kron(ones((2,3)),a)`	`kronecker(matrix(1,2,3),a)`
Triangular, upper	`triu(a)`	`triu(a)`	`a[lower.tri(a)] <- 0`
Triangular, lower	`tril(a)`	`tril(a)`	`a[upper.tri(a)] <- 0`