

Input

a	b	c	d
e	f	g	h
i	j	k	l

Kernel

w	x
y	z

Output

$$\begin{array}{rcl} aw & + & bx \\ ey & + & fz \end{array}$$

$$\begin{array}{rcl} bw & + & cx \\ fy & + & gz \end{array}$$

$$\begin{array}{rcl} cw & + & dx \\ gy & + & hx \end{array}$$

$$\begin{array}{rcl} ew & + & fx \\ iy & + & jz \end{array}$$

$$\begin{array}{rcl} fw & + & gx \\ jy & + & kz \end{array}$$

$$\begin{array}{rcl} gw & + & hx \\ ky & + & lz \end{array}$$