



Filter

Output array

$$\begin{aligned}\text{Output}[0][0] &= (9*0)+(4*2)+ \\ &+ (1*4)+(1*1)+(1*0)+(1*1)+ \\ &+ (2*0)+(1*1) \\ &= 0+8+1+4+1+0+1+0+1 \\ &= 16\end{aligned}$$