



Weather
(input)




Sunny

$$\begin{pmatrix} 1 \\ 0 \end{pmatrix}$$



Rainy

$$\begin{pmatrix} 0 \\ 1 \end{pmatrix}$$

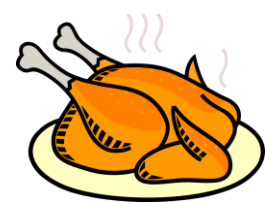
Food
(output)



Pie

$$\begin{pmatrix} 1 \\ 0 \\ 0 \end{pmatrix}$$


Burger

$$\begin{pmatrix} 0 \\ 1 \\ 0 \end{pmatrix}$$


Chicken

$$\begin{pmatrix} 0 \\ 0 \\ 1 \end{pmatrix}$$