$$A = \begin{bmatrix} 4017 \\ 402 \end{bmatrix} \quad F = \begin{bmatrix} 10-1 \\ 20-2 \end{bmatrix} \quad \text{Zero padding } \quad \text{Stride } 2.$$
Signal -402

2 con volution

$$\begin{bmatrix} 007 & 1 \\ -44 & 1+e^{x} \end{bmatrix} = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{bmatrix} = \begin{bmatrix} 0.5 & 0.5 \\ 0.982 & 0.982 \end{bmatrix}$$

$$\frac{1}{1+e^{4}} = \frac{1}{1+e^{4}} = \begin{bmatrix} 0.018 & 0.982 \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$$

(iv) & output after max pooling layer Solution Max = 0.9820 (V) Q: parameter 3?

Solution 100×100×3 > 6 channel
filter 3×3×3 para meter
number of filte: 6

total 3x3x3x6=162