

Concatenation of Array : Brute Force

$$\text{Ans}[i] = \text{nums}[i] \quad \text{Ans}[i+n] = \text{nums}[i] \quad 0 \leq i < n$$

$$\text{nums} = \begin{bmatrix} 1 & 2 & 1 \end{bmatrix} \quad \text{Ans} = \begin{bmatrix} & & & & & \end{bmatrix} \quad n = 3$$

$$\underline{i = 0}$$

$$\text{Ans}[0] = 1$$

$$\text{Ans}[0+3] = 1$$

$$\text{Ans} = \begin{bmatrix} 1 & & & 1 & & \end{bmatrix}$$

$$\underline{i = 1}$$

$$\text{Ans}[1] = 2$$

$$\text{Ans}[1+3] = 2$$

$$\text{Ans} = \begin{bmatrix} 1 & 2 & & 1 & 2 & \end{bmatrix}$$

$$\underline{i = 2}$$

$$\text{Ans}[2] = 1$$

$$\text{Ans}[2] = 1$$

$$\text{Ans} = \begin{bmatrix} 1 & 2 & 1 & 1 & 2 & 1 \end{bmatrix}$$