

No.

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$$1. (67)_{10} = (1000011)_2$$

初始化:  $result = 1$ ,  $base = 7$ ,  $exponent = 67$

按位处理: ① (1)  $result = (7 \times 1) \bmod 97 = 7$

$$\textcircled{2} (0) \quad result = (7 \times 7) \bmod 97 = 49$$

$$\textcircled{3} (0) \quad result = (49 \times 49) \bmod 97 = 73$$

$$\textcircled{4} (0) \quad result = (73 \times 73) \bmod 97 = 91$$

$$\textcircled{5} (0) \quad result = (91 \times 91) \bmod 97 = 36$$

$$\textcircled{6} (1) \quad result = (36 \times 36 \times 7) \bmod 97 = 51$$

$$\textcircled{7} (1) \quad result = (51 \times 51 \times 7) \bmod 97 = 68$$

$$\therefore 7^{67} \bmod 97 = 68$$