

# 循环嵌套案例

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$$1 \times 1 = 1$$

$$1 \times 2 = 2 \quad 2 \times 2 = 4$$

$$1 \times 3 = 3 \quad 2 \times 3 = 6 \quad 3 \times 3 = 9$$

$$1 \times 4 = 4 \quad 2 \times 4 = 8 \quad 3 \times 4 = 12 \quad 4 \times 4 = 16$$

$$1 \times 5 = 5 \quad 2 \times 5 = 10 \quad 3 \times 5 = 15 \quad 4 \times 5 = 20 \quad 5 \times 5 = 25$$

$$1 \times 6 = 6 \quad 2 \times 6 = 12 \quad 3 \times 6 = 18 \quad 4 \times 6 = 24 \quad 5 \times 6 = 30 \quad 6 \times 6 = 36$$

$$1 \times 7 = 7 \quad 2 \times 7 = 14 \quad 3 \times 7 = 21 \quad 4 \times 7 = 28 \quad 5 \times 7 = 35 \quad 6 \times 7 = 42 \quad 7 \times 7 = 49$$

$$1 \times 8 = 8 \quad 2 \times 8 = 16 \quad 3 \times 8 = 24 \quad 4 \times 8 = 32 \quad 5 \times 8 = 40 \quad 6 \times 8 = 48 \quad 7 \times 8 = 56 \quad 8 \times 8 = 64$$

$$1 \times 9 = 9 \quad 2 \times 9 = 18 \quad 3 \times 9 = 27 \quad 4 \times 9 = 36 \quad 5 \times 9 = 45 \quad 6 \times 9 = 54 \quad 7 \times 9 = 63 \quad 8 \times 9 = 72 \quad 9 \times 9 = 81$$

案例1：打印九九乘法表。

案例2：打印 1 ~ 100 之间的所有质数。

# Thanks

