题目：

Given an integer *n*, return the number of trailing zeroes in *n*!.

Note: Your solution should be in logarithmic time complexity.

1.时间：O（ ）；空间：O（1）　->溢出：数据例子[1808548329]

```
class Solution {
public:
    int trailingZeroes(int n) {
        int count = 0, dividend = 5;;
        while (1){
            int num = n / dividend;
            if (num < 1) break;
            count += num;
            dividend *= 5;
        }
        return count;
    }
};
```

2.时间：O（ ）；空间：O（1）

```
class Solution {
```

```
public:
    int trailingZeroes(int n) {
        int count = 0;
        while (n > 0){
            int num = n / 5;
            count += num;
            n = num;
        }
        return count;
    }
};
```