

264. Ugly Number II

[link](#)

```
public int nthUglyNumber(int n) {
    int indexTwo = 0, indexThree = 0, indexFive = 0;
    int factorTwo = 2, factorThree = 3, factorFive = 5;
    int[] res = new int[n];
    res[0] = 1;
    for(int i = 1; i < n; ++i){
        res[i] = Math.min(Math.min(factorTwo, factorThree), factorFive);
        if(res[i] == factorTwo){
            indexTwo++;
            factorTwo = 2 * res[indexTwo];
        }
        if(res[i] == factorThree){
            indexThree++;
            factorThree = 3 * res[indexThree];
        }
        if(res[i] == factorFive){
            indexFive++;
            factorFive = 5 * res[indexFive];
        }
    }
    return res[n - 1];
}
```

[解释](#)