

## ABCD

- 题意:大水题
- 题解:练习英语阅读和手速。

## E

- 题意:给定一个长度为 $n$ 的 $01$ 串,每次操作可以更改某一位,要求使得所有相邻的 $1$ 的间隔为 $k$ 求最少操作数 $(1 \leq n \leq 10^6; 1 \leq k \leq n)$
- 题解:设 $f[i]$ 为第 $i$ 位为 $1$ 的最少操作数dp即可,状态转移看代码。

```
ans = n;
for(int i = 1; i <= n; i++) sum[i] = sum[i - 1] + (s[i] == '1');
if(!sum[n]) ans = 0;
for(int i = 1; i <= n; i++){
    f[i] = n;
    if(i - k >= 1) f[i] = min(f[i], f[i - k] + sum[i - 1] - sum[i - k]);
    f[i] = min(f[i], sum[i - 1]);
    f[i] += s[i] == '0';
    ans = min(ans, f[i] + sum[n] - sum[i]);
}
```

## F

- 题意:
- 题解:

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