TALLER C

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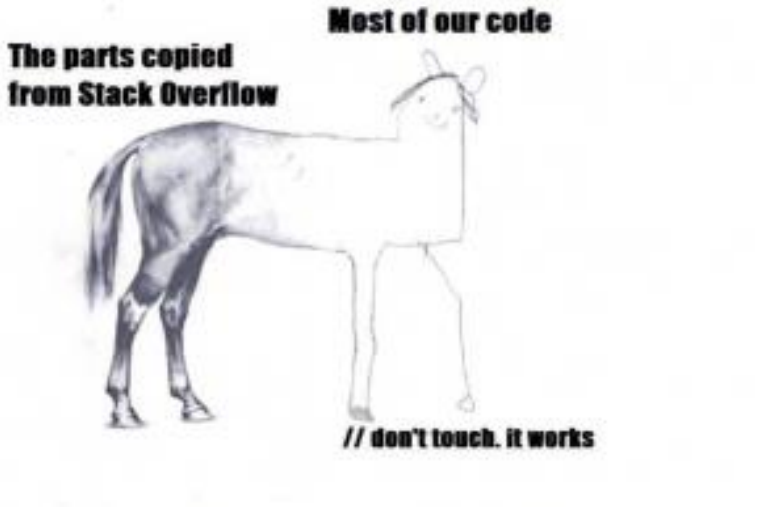
```
int solution(int N) {
    while(!(N & 1))
        N = N >> 1;
    int longest = 0;
    int gap = 0;
    while(N > 0) {
        if(N & 1) {
            if(gap > longest) longest = gap;
            gap = 0;
        }
        else
            gap++;
        N = N >> 1;
    }
    return longest;
}
```

LESSON 1



```c
struct Results {
  int * A;
  int N; // Length of the array
};

struct Results solution(int A[], int N, int K) {
    struct Results result;
    // write your code in C99 (gcc 6.2.0)
    int i, j, tmp;
    int *B = (int *)malloc(N * sizeof(int));
    if(B==NULL){
        exit(0);
    }
    for(i=0; i<N; i++){
        j = (i + K) % N;
        B[j] = A[i];
    }
    result.A = B;

    result.N = N;
    return result;
}
```

```c
int solution(int A[], int N) {
    // write your code in C99 (gcc 6.2.0)
    int i;
    int val = A[0];
    for (i = 1; i<N; i++)
    {
        val ^= A[i];
    }
    return val;

}
```

LESSON 2

```
int solution(int A[], int N) {
    int B[100002];
    for(int i = 0; i < N; i++)
        B[A[i]]++;
    int i = 0;
    while(i++ <= N) {
        if(B[i] == 0)
            return i;
    }
}
```

```
int solution(int X, int Y, int D) {
    int res = Y - X;
    if(res % D == 0)
        res /= D;
    else
        res = res / D + 1;
    return res;
}
```

LESSON 3

```c
int solution(int A[], int N) {
    // write your code in C99 (gcc 6.2.0)
    int *p = malloc(sizeof(int) * N);
    int i, min_sum = 2001, right_sum, left_sum, tmp;

    for (p[0] = A[0], i = 1; i < N; i++)
    {
        p[i] = p[i-1] + A[i];
    }

    for (i = 1; i<N; i++)
    {
        left_sum = p[i-1];
        right_sum = p[N-1] - left_sum;
        tmp = abs(left_sum-right_sum);
        if (tmp < min_sum)
        {
            min_sum = tmp;
            if (min_sum == 0)
            {
                break;
            }
        }
    }

    return min_sum;


}
```

Comments to describe the program

Comments to temporarily remove part of code

Code Memes
@code_memez
Code🔥Memes Programming 🔥memes

Me 3 years ago: Ok first I'll master JavaScript and Node, then I'll learn Python, Ruby and some Java.

Me today: I am still learning JavaScript.

10:00 PM · 12/10/19 · Twitter Web App

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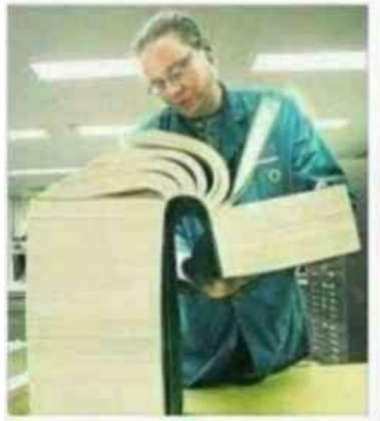
CALCULADORA

my code solving a specific problem



code found on stackoverflow solving the same problem