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PROG: cline

LANG: C++

ID: hayk.sa1

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#include

int d[300010];

int main()

{

freopen("cline.in", "r", stdin);

freopen("cline.out", "w", stdout);

int n, p, q, k, i = 1;

scanf("%d", &n);

p = q = n;

while (n--)

{

getchar();

if (getchar() == 'A')

{

getchar();

if (getchar() == 'L')

d[--p] = i++;

else

d[q++] = i++;

}

else

{

getchar();

if (getchar() == 'L')

{

scanf("%d", &k);

p += k;

}

else

{

scanf("%d", &k);

q -= k;

}

}

}

for (i = p; i < q; i++)

printf("%d\n", d[i]);

return 0;

}