



$dp[v][0]$ - wynik dla poddrzewa v jeśli $best[v] = l_v$
 $dp[v][1]$ - - - - $best[v] = r_v$

$|a-b| = |b-a|$

$2 \cdot 2 = 4$

to

$dp[v][0] +=$

$\max(dp[to][0] + abs(l[to] - l[v]),$
 $dp[to][1] + abs(r[to] - l[v]))$

$dp[v][1] +=$

$\max(dp[to][0] + abs(l[to] - r[v]),$
 $dp[to][1] + abs(r[to] - r[v]))$

