/\*

PROG: tower

LANG: C++

ID: hayk.sa1

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#include

int d[100010], w[100010], s[100010];

int main()

{

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

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

int n, i, j;

scanf("%d", &n);

for (i = 1; i <= n; i++)

{

scanf("%d", &j);

s[i] = s[i-1]+j;

}

d[n+1] = w[n+1] = 0;

for (i = n; i > 0; i--)

{

for (j = i; j <= n && (s[j]-s[i-1] < w[j+1] || d[i] >= d[j+1]+1); j++);

d[i] = d[j+1]+1;

w[i] = s[j]-s[i-1];

}

printf("%d\n", d[1]);

return 0;

}