

```

n = 10 000;
a = Table[0, {n}];
Dynamic[
  Do[
    j = RandomInteger[{1, n}];
    jm = j - 1 /. 0 -> n;
    jp = j + 1 /. n + 1 -> 1;
    a[[j]] = Max[a[[jm]], a[[j]] + 1, a[[jp]],
      {n}
    ];
  ListPlot@a
]

```

ListPlot[a]



```

n = 10 000;
b = Table[0, {n}];
Do[
  ++b[[RandomInteger[{1, n}]]],
  {100 n}
];
ListPlot@b

```

