

```
a = Table[0, 1000];
Dynamic[
  Do[
    j = RandomInteger[{1, 1000}];
    ++a[[j],
    {1000}];
  ListPlot[a]
]

a = Table[0, 10 000];
Dynamic[
  Do[
    j = RandomInteger[{1, 10 000}];
    a[[j] = Max[a[[j] + 1, a[[j] - 1 /. 0 -> 10 000], a[[j] + 1 /. 10 001 -> 1]],
    {10 000}];
  ListPlot[a]
]
```