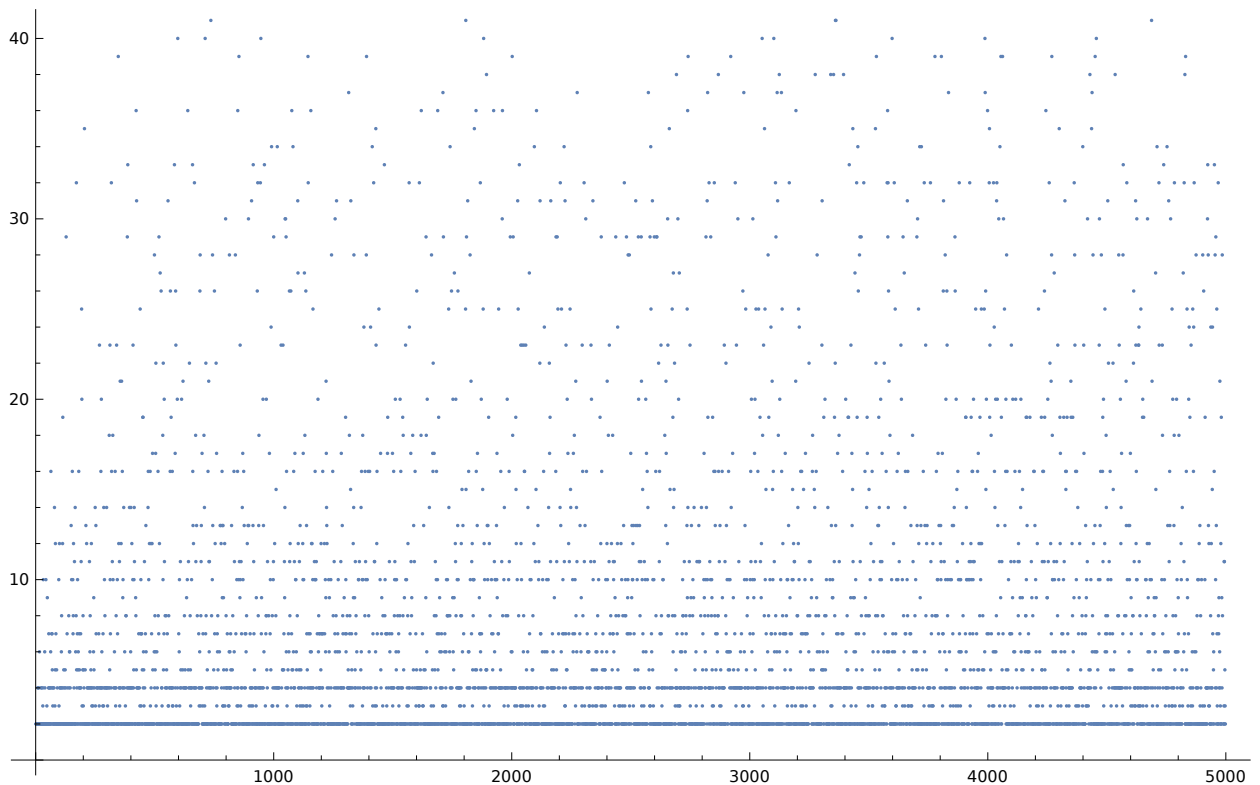


C# Conversion to Mathematica Code

Shortened height and new naming of code

```
In[85]:= c = 100; rep = {};  
Do[(bm = k * 2; cR = 0; cC = 2; dR = 1;  
  While[(cR < bm - 1), (  
    While[(cC < bm), (cR++;  
      If[(cC == (bm / 2 + 1)), (cC = bm), (cC = (cC - 1) * 2 + 1)]];  
      If[(cC > bm), (cC = 2 * bm - cC + 1);, (cC = 2 * (bm - cC + 1));];  
      If[(cC == 2), (cR++; If[(cR < bm), dR++;)];];  
    ); AppendTo[rep, dR];  
  ), {k, 1, c, 1}];  
Print[rep];
```

ListPlot of 5000 values, A334672



Converted C# to Mathematica code, working raw

```

c = 50;
rep = {};
Do[
  (
    bm = k * 2;
    cR = 0;
    cC = 2;
    didR = 1;
    While[
      (cR < bm - 1),
      (While[(cC < bm),
        (
          cR++;
          If[
            (cC == (bm / 2 + 1)),
              (
                cC = bm
              ),
              (
                cC = (cC - 1) * 2 + 1
              )
            ]
          );
        ]];
      If[
        (cC > bm),
        (
          cC = 2 * bm - cC + 1;
        ),
        (
          cC = 2 * (bm - cC + 1);
        )
      ];
      If[
        (cC == 2),
        (
          cR++;
          If[(cR < bm),
            didR++;
          ]
        )
      ]
    )
  ]

```

```

];
)];
AppendTo[rep, didR];
),
{k, 1, c, 1}
];
Print[rep];

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ListPlot of 5000 values

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