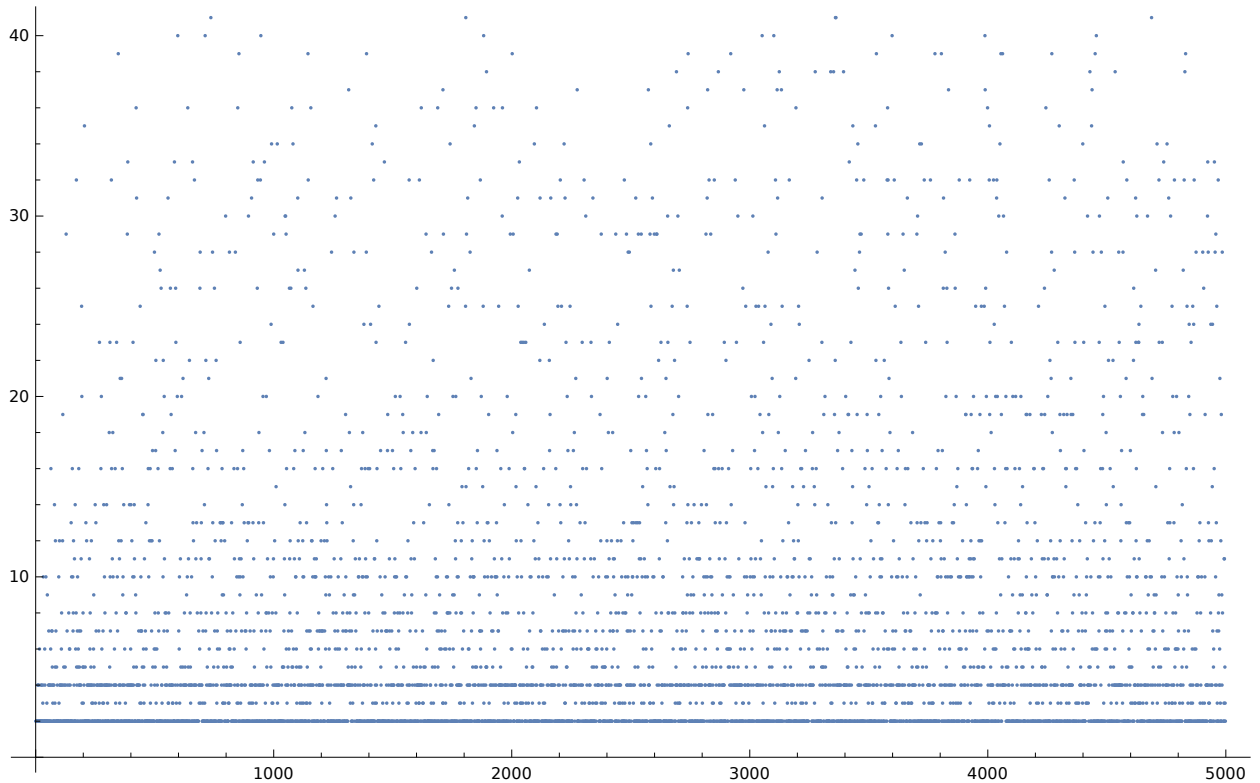


# C# Conversion to Mathematica Code

ListPlot of 5000 values, A334672



Mathematica code

```
In[18]:= count = 50;  
rep = {};  
Do[  
  (  
    atBM = k * 2;  
    atRow = 0;  
    atColumn = 2;  
    didRepeat = 1;  
    While[  
      (atRow < atBM - 1,  
        (While [(atColumn < atBM),  
          (  
            atRow ++;
```

```

    If [
      (atColumn == (atBM / 2 + 1)),
      (
        atColumn = atBM
      ),
      (
        atColumn = (atColumn - 1) * 2 + 1
      )
    ]
  ];
];
If [
  (atColumn > atBM),
  (
    atColumn = 2 * atBM - atColumn + 1;
  ),
  (
    atColumn = 2 * (atBM - atColumn + 1);
  )
];
If [
  (atColumn == 2),
  (
    atRow++;
    If[(atRow < atBM),
      didRepeat++;
    ]
  )
];
];
AppendTo[rep, didRepeat];
),
{k, 1, count, 1}
];
Print[rep];
{2, 2, 2, 2, 2, 2, 2, 4, 2, 2, 4, 2, 4, 2, 2, 6, 2, 2, 2, 2, 2, 2, 4, 2,
4, 2, 2, 2, 2, 3, 4, 10, 2, 2, 2, 2, 2, 6, 4, 2, 2, 2, 10, 2, 2, 2, 3, 2, 9, 2}

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## ListPlot of 5000 values

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