

```
In[13]:= m = 10;  
A = SparseArray[{  
  Band[{1, 1}] → 2.0,  
  Band[{2, 1}] → -1.0,  
  Band[{1, 2}] → -1.0  
}, {m, m}];  
MatrixForm[A];  
evals = Eigenvalues[A];  
Max[evals]  
ListPlot[evals]
```

Out[17]=

3.91899

Out[18]=

