```
(*Shows the First Step and Plot Legend*)
In[28]:= (t = 1;
       dispT = (t-1) / 100 // N;
       ListPlot[{allValues[[t]], nonSplitValues[[All, t]],
          nonRodValues[[All, t]], Table[1.2, {i, 100}]}, Joined \rightarrow True,
        PlotLegends → {"Operator Split System Results", "Results Before Operator Splitting",
           "Sheet without the Rod", "Constant"}, PlotLabel → StringJoin["t=", ToString[dispT]]])
                                   t=0.
      1.2
      1.0

    Operator Split System Results

      8.0

    Results Before Operator Splitting

Out[28]=
      0.6

    Sheet without the Rod

    Constant

      0.4
      0.2
                   20
      (*Shows Subsequent Time Steps*)
ln[29]:= Table [ (dispT = (t - 1) / 100 // N;
         ListPlot[{allValues[[t]], nonSplitValues[[All, t]],
           nonRodValues[[All, t]], Table[1.2, {i, 100}]}, Joined → True,
          PlotLabel → StringJoin["t=", ToString[dispT]]]), {t, 2, 80, 1}]
                    t=0.01
                                       1.2
       1.0
                                       1.0
                                       8.0
       0.8
Out[29]=
      0.6
                                      0.6 و
                                       0.4
                                       0.2
       0.2
                   40
                         60
                              80
                                   100
                                                   40
                                                         60
                                                              80
                                                                   100
                    t=0.03
                                                    t=0.04
       1.2
                                       1.2
       1.0
                                       1.0
       8.0
                                       8.0
       0.6
                                       0.6
       0.4
                                       0.4
       0.2
                                       0.2
                                   100
                         60
                              80
                                                              80
                                                                   100
              20
                   40
                                              20
                                                   40
                                                         60
```









