```
x     Shooting     FiniteDiff   Variation
-------------------------------------------------
0.0  1.000000     1.000000     1.000000
0.1  1.016650     1.016532     1.074783
0.2  1.059293     1.059102     1.157854
0.3  1.124476     1.124251     1.250643
0.4  1.209121     1.208890     1.349698
0.5  1.310528     1.310313     1.452655
0.6  1.426377     1.426194     1.559223
0.7  1.554712     1.554570     1.668466
0.8  1.693917     1.693822     1.778658
0.9  1.842688     1.842642     1.889131
1.0  2.000000     2.000000     2.000000
```


Three Methods for Solving BVP