1.

```
Solved BVP (h = 0.1)

    x       Shooting          FD          Variation
  0.00      1.000000       1.000000       1.000000
  0.10      1.016650       1.016532       1.021459
  0.20      1.059293       1.059102       1.058856
  0.30      1.124476       1.124251       1.121064
  0.40      1.209121       1.208890       1.207554
  0.50      1.310528       1.310313       1.311938
  0.60      1.426377       1.426194       1.428148
  0.70      1.554712       1.554570       1.554387
  0.80      1.693917       1.693822       1.692179
  0.90      1.842688       1.842642       1.842053
  1.00      2.000000       2.000000       2.000000
```