

```
Plot[Evaluate[Table[
  y[x] /.
    DSolve[y''[x] - y[x] == 0
      && y[0] == 1 && y'[0] == c,
      y[x], x],
  {c, {1, 0, -0.9, -1, -2}}
]], {x, 0, 2}, AspectRatio -> 2]
```