1. Reproduce the Figure 9.1 in Example 9.1. **Ignore the state distribution μ at the bottom, and ignore the distribution scale at the right side of the figure**. To obtain the red curve for the true value v_π, use the policy evaluation method discussed in Chapter 4.1.

2. Generate the corresponding curve for semi-gradient TD(0) using the same setup as in Example 9.1, and then add the curve of semi-gradient TD(0) to the figure you generated for the first problem.

Start working on your project!