

```
% MNT_EXAMPLE_SCRIPT - Solve the mountain valley problem, using linear, gradient-decent
SARSA(\lambda)
% with binary features and an \epsilon-greedy policy
%
% Written by:
% --
% John L. Weatherwax          2008-02-19
%
% email: wax@alum.mit.edu
%
% Please send comments and especially bug reports to the
% above email address.
%
%-----

clc; close all;

% the probabiity of an exploratory move:
epsilon = 0.0;

% discount factor:
gamma = 1.0;
%gamma = 0.9;

% the learning parameter:
%alpha = 0.5;
alpha = 0.005;

% blending parameter:
lambda = 0.9;

% the type of elagability trace (accumulating or replacing)
%ACC_ET = 1;
ACC_ET = 0;

% How many episodes we will learn from:
nEpisodes = 1e1;
nEpisodes = 1e2; %
nEpisodes = 9e3; % <- official number of max total number of epsiodes ...

[theta,avg_ts_per_episode] = mnt_car_learn(nEpisodes, epsilon,gamma,alpha,lambda,ACC_ET,
1);
fprintf('avg_ts_per_episode = %10.3f\n',avg_ts_per_episode);
```