Sol" to Chapter 4
4.1 9 to (11, down) = -1 9 = (7, down) = -1 + V(11) = -1-14 = -15 V(11) cakulated by Code. V mup -20-22 -20 -20 -20 - 20-18-14 -14 -22 - 204-21 If dynamics of 13 unchanged $V_{\pi}(15) = -1 + 0.25[-20 - 22 - 14 + V_{\pi}(15)]$ 80 Viny Var (15) = -20 For dynamic changed: By running code for 4.2 We find that.

Vr. (15) is still -20
Also his rest states graph stuffs same eg 4.3 $V_{\pi}(S) = E_{\pi}\left[R_{t+1}, \gamma V_{\pi}(S_{t+1})\right]S_{t} = S$ Analogus 97 (S/a)= E[R+++, V297 (S', a') | St=S, At-a) Va(s) = > T(a/s) > p(s, s/s, a)[1+1/4(s')] $q_{\pi}(s,a) = \sum_{s',r} p(s',r|s,a) [r+y] \pi(a',s') q_{\pi}(s',a)$ eg. 4.5 VKH(S) = = T(a/S) = p(s', r/s,a)[r+YVK(s')]