S	a	s'	[(S,a,s')	p(s,rls,a)
hljh	search	high	[search	α
high	Search	low	[search	1-2
low	Search	high	-3	1 - B
low	Search	low	Tsearch	β
high	wait	high	rwa.7	
(ow_	wait	low	rounit	
low	recharge	high	Ø	

Problem 2: Rewrite the four Bellman equations for the four value functions (var, va, 27, 20) in terms of the three-argument function p(s'1s,a):

$$p(s'|s,a) = P_r\{s_t = s'|s_{t-1} = s, A_{t-1} = a\}$$

= $p(s'|s,a)$
= $p(s',r|s,a)$

and the two-argument function r(s,a):

$$V_{ff}(s) = \underbrace{E}_{\text{ALA}} \pi(a|s) 2\pi(s,a)$$

$$\underbrace{I_{\text{ALA}}}_{\text{ALA}} \pi(s) = \underbrace{I_{\text{ALA}}}_{\text{ALA}} \pi(s) 2\pi(s,a)$$

$$V_{+}(s) = \max_{\pi} V_{\pi}(s) = \max_{\pi} \{ p(s'|s,q)[r(s,a) + v_{\pi}(s')] \}$$