PH423 Assignment 1

Question 1.		
We consider the action of $\hat{\mathbf{P}}$ on an arbitra	ary state ϕ ,	
	$\hat{\mathbf{P}}\phi(x)$	(1)
to derive a weak equivalence with the des	sired result.	
Starting with eq. (1), we first write it in br	ra-ket notation as	
	$\langle x \hat{\mathbf{P}} \phi angle$.	(2)
Question 2.		
Sad World		
Question 3.		
Goodbye World		