Exercise 2.4

Q9(b) lim exists  $\forall c(0,1) \cup (1,2)$ See The Path AtoB

See The path CtoD

(C)x=2, at pt. D There is a path c to D on L. H.S. but no path on the right hand side of D : L. H. Lim fla exists but R. H. Lin does not exist. (d) The pt. corresponding to x=0 is A (Les Sig) No path on L.H.S. to reach A :. No L. H.S essists at X=0 but on The R. H.S. Fa BOLD BA to reach at pt A i.e. X = 0 .. R. H. S. Lim escists (=1)