Uyoulan 1) 4371, 1323 6173 4185 4324 5679, 1385 hoish-function h(x)=x mod 10 : Whent are the results of following? Seperate chaining Loish tenblehough touble using lived probing Open oddressing end arcss of heigh fally with function (12(x)=7-(x)-47) 01) 0 14 1437111 13230 > 6(131) 3 - Funnia 7 438124 > 3678147 TA888 10 ->13695 Jab ->[417[K-- MASSIAL 7 [1323 14] 161323 71434414 7 -> (USSIM D 1 Grear probles hick) - (hash (WAT) Md m i=0 (first trial) (Second trial) FF 

c) With second horse function h2(x)= 7- (x mod 7) - 1 1323 FT 2 ) 16(73 0 What about 7 1367814 1-3 > 4344H connet be inserted 7 14133 14 1 into table because 42(1885) + 7- (+ nod7) and the afternative locations 5,1,7 and 3 uce otheridy taken Bren Scorch Tree Node X Very Derter ) right lest √ key(x) > key(x) Example: Given: prorder and inorder traversal of the free D : Can us reconstruct the tree? If yes, give an algorithm for doing so-If not, five on contere example. CASSUME that the story tree is not recessfully binary Search tree.) France 1, Yes