Standard Templete library continued! STL -> Vectors. Vectors is one of the most used library in C++ -5 The because it gives you the fearthres of aways with dynamic size & lots of Built-in methods. (200 mothods) It is used in almost all cooling platforms 1 Leet 6 de 11 Hacker Ronk (m) Hacker levell (W) Coding Ninja (V) Code Chef V Gode forces * Introduction to Search Trees :> Binary Search Toee: > = Red Black It is a type of binary tre which follows a breey Timportant shoperty for leach node of the tree & Left < Node < Right 8,6,2,9,7,12,15,35 Root Node -> Delete Height $A2 = \{5, 4, 3, 1, 1\}$ $A1 = \{1,2,3,4,5\}$ Do ending In-Order: 2,3,4,5,6,7,8,9,10,12,15 -) delete () BST Delete Node Function: > Three Impoofant Checks: 1) Root/Node with only 1 child if (root -) sight == nullyto) Tree Node * temp = rost sleft delete root;) left; outurn XXX VV Tmpo) 3) Node with two Wildren : > 880f-data = delete () 16 In Order: -> 2,3,4,5,6,7,9)10,12,15 In Order Successor * Given a sorted array of integers, convert it into a balanced BST. TCS - 4.5LBA -) J.S.LPA Accentine IBM -) 6 LPA Wipro - 5-6 LBA