Btrees :-Class Btreechild * Keys; 11. overary of Keys Btreechild ** Chold, n 11 total Keys order ' tool leafs Class Bree 1/ Friend class of B Frachill if (900t == NULL) insert value into 900t and in crease no. of Keys if (noot is full) Allocate memory for not Bteaunode most introop NAnot -> child[0] = noot (split the old scot) -

else noot -> insert empty (**) in seatempty (these) 1/ called when the if (leaf is true) While (i s = 0 && Key [i] > data { Kays [i+1] = Kays [i] Key [i+1] = else 11 If not leaf find (child) // which has new key if [Child is full)

Splitchild [i+1, child [i+1) if [Keys[i+1] < data) 3 child[i+1] → insortempty (data)

Splitchildrode (i, Btrachild * CI) Btheechild * 62; 11 00. of Keys C2-> n = Order-1 While (g L order-1) C2 > Keys [g] = C1 -> Keys [g+order] 11 order-1 Keys of Cl in C2 12 then porder no. of child of Cl in 22

C2 -> Child [i] = C1-> child [i+ order] Child [i+1] = C/ # 1 move all keys one space than increment total to of Keys-