

INNEX Files CB+ treed - acts similar to B+m lage Layour · Property: # entries per nade of d=order continos *FIXED record langton, UNPACKED records · Alternative 1: reach contents Henre 1010 Rec X Rec X Rec stored in the leaf nide itsala · Alltonative ? Leaf notes: (K, rid of muthing Insert: Find first compty slot in bitmap in Delete: Find record and clear bit in Header : (cuid) · Alternative 3: Lenf niver: K, lift of rids of records? -No regardin needed · Property 1: lent make entries: d=ordersentions20 ·FIXED read longths, PALKED RECORDS · Property 2: all leave some Nist From root Property 3: Inner nede U/K ikhny have Kal children Header | Rec | Rec | Rec | Rec · Leaf split wert (8*) Invert: just append to end Delete Stan for record, helder rungaine · Bulk Load All records (We prok) - Input softed reard kess not kept if invertible VARIABLE record Longths, UNPACKED records (14,24,34,...) - Fill leaf page to fill fador > A (Slotted page) 18 6 5 7 1 - Follow leaf and inner page split Reald Rec 6 REC 5 | Rec 7 16 borral External Merge Sort Delete: runne frote printer (5 et -N pages to surt, B buffer pages Insert: First empty pointer start of free space points page LIK PWIO Fixed length. 1141 7 -> store 24 bytes Softed (WS Pasi 1,2,. in+ Nublebon (PANTHS (NA) Voriable Hongth: int uniable) - Number of passo: 1+ [logs-1 [N/B] Header DP O | Vardow (10) int double int (text Vardor (B)) -Total I/Os = (I/Os per pari) * (# pario) = 2N*(1+ [/m&-1[N/67]) -2 printers to variable legth attribute - Manay: B(B-1) ofter 2 posts - bitmap (2 bits) where int and text are NVLL Dividesplit pages into Bit partitions Tashia (2) wing hip hach tondin languer: Repeat for big partitions 12/00日 大日 **√□+**300 □ 04 (>B page), which w/ her Mach function hp,

The partition fits in homing

(c= 8 page), read + veite to

check (Build Pass) Disk B man remove buffells Disk