- process sorting in entire data is stored INTERNAL SORT in main memony INTERIR SERIECT - PROCES of reproductionly alberta imported

(17) H 3H3 8 H)

HART TOTAL

EXTERNAL SORT - when data being sonted does not hit into MM & needs some external memory

IN-PLACE SORT - Sorting which does not occupy extra space /stonage SMARK SEPREN 11 FORE I SHIPE TO STORE

SEL I INS I BUBB I OUICK | RADIX INTERNAL -EXTERNAL - MERGE

sine therese than linear storich

IN-PLACE - SEL INS BUBB HEAP NOT-INPLACE - MERGIE DUICK

STABLE SORT - Sonting which preserves nelative order of neconds with equal keys

STABLE - MERGIE INS I BUBB NOT STABLE - SEL | QUICK | HEAP

MIDDLE . GIKELD 01400d (119113)] BEST AVG WORST SPACE SELECTION 52 (N2) D (N2) O(N2) 0 (1) BUBBLE JU (N) B (N2) O(N2) INSERTION 0(1) W) 2 0 (N2) O(N2) 0(1) MERGE J(NlogN) D (Nlog N) (N gol M)O O(N) BUICK 12 (Hlog N) (N gol N) O O(N2) O (NIOgN) RADIX SL (NK) O(NK)

O(NK)

O(BN+K)