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Advantage: Rather than consuming memory for Virtual page number of entries in page table for "each process", inverted page table system will have number of entries equals to number of page frames number of process. It is hugely memory efficient.

Disadvantage. - We need to transerise whole page.
table in each memory reference.

how on winted page number; and each enturyer in housetable will be a chain of Vpn, ppn, pid.



Dunen a TLB miss occurs, page tuble will be enquired searched to get page frame number.

Now, if TLB has empty slots, that slot will be used to hold information (vpn, ppn, R, M) about the page we just searched.

If TLB has no empty slot, one entroy will be evicted from TLB. We will use reservence that slot in TLB will be used for hold information about the page we just searched.

Advantage: - We don't need to search k-bits in bitmaps when we need K-allocation units, Because we atte theeping linked list have we will traverse the linked list.

Disadvantage: If we keep separate lists fore

Process and holes, it will be little complex

to compute the whole thing. Further, merging

endries of linked 19st will be complex. See

Wrong selection in sanding may create unnecessary holes.

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If pointers or hand starts from A, it will firest get C with R=0. So, a will be evided for firest page fault.

For next page fault, hand stords searching from D. So, D has R=0. So, D will be evicted for second page furt.