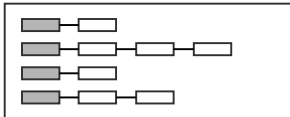
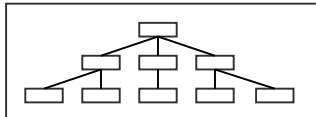


DBMS**Table Heap****Catalog****Transaction States**

100	101	102	103
COMMITTED	ABORTED	INPROGRESS	INITIAL

bitmap**roots****NVM-aware allocator**