DB - Assignment # 1 k224042 Areeb Hussain

Overfion # 1:

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- (4) File system management has no proper mechanism to handle multiple users accessing older simultaneously. There are United security mechanisms for restricting user access. Also, same data stored in multiple files loads to inconsistency. There are also integrity issues which makes it difficult to enforce constraints.
- (b) A composite primary key consists of two or more columns used together to uniquely identify a record.

 E.g. consider a library management system with member_ID and book_ID columns. Here, member_ID alone is not unique as a member can borrow multiple books at a time. And book_ID is also not unique as one book can be borrowed by different members. However, both
- (c) Application programs when using DBMS can perform various operations.

 DML insert delete update

 DDL creating, aftering tables

 Dula control and security

 Transaction -anagement.

number - ID and book - ID can vigoely identify each row.

	1 1 1 1 loves is more difficult to
(ol)	In three-schema, logical dala independence is more difficult to
	Il a min is constraint requires un of
	might change external schemas or the data structures.

(l') All heys are superheys because they uniquely identify records; but not all superheys are keys because they may contain redundant attributes.