Relational Algebra: A formal query langua	age based on a set of operations on relation
fundamentel operation	
- Select	· Set difference
. Project . Catiférian product	· Set difference Rename
Adelitinal operation	· Dinsion/gnotient
· Nobred join	· A - join
Above operations DOES NOT MODIFY	the database/ record

t) Enlive row Selishing and is Ci SELECT Sperchion (OT) This is a unary operation defined on single relation year=2016 Ci (r) O'Show/ relect all the book records having publication year = 2016 Accno > 10000 (book) _ 1500 1 > Yes [009 -> (Arce No > 10 000) 1 (year = 2016) (book) 10000 2015 X 99 100003 2016 X 999

C:= (aceno 7 10000) Cz:=(year = 2016) 16502 2011 100002

SELECT ALL the books WHERE title is DBMS AND year of pub. is 2020 from book

relation

Aceno Year Title 1005 2020 DBMS 10012 2020 DBMS year 7 = 2016

Mol,