//__

\	Assignment 4 (Normalization)
(1)	(dept xemp)
19nx 2/a	Taddress [emp.dho=dept.dho]
- b)	Frame=dept. hame I dept. hame X / maine
	Cannot be Expressed using Liven operators.
<u>d</u>)	Thame [Sept no = x (emp)].
(MS2)	b) 2->X and y >>>
BNS3)	a) Thas no duplicates and & is non-empty.
(NEMA	R=(A,B,C,D,E), R=(ABC) & R=(ADE)
	RINRZ=R=It is bossless decomposition
ANSE)	CO JE does not hold For the relations by Cand DE
	the not in the gielotion after do rom partish.
1,11	Similarly B 30 does not hold,
pms6 a	Since there is he common atthibute bothern Riand
2) H	Sing there is he common attribute bothern Ryand R2 Natural Form Cannot be percerimed, hence H 18 12824 decomposition
7/1	W/V/ accomposition - Zallada the 10 to 11/2
b)·	In R1: A DB holds
zelin/	In R2: C70 hards
Missi	Hence, It is defendency preserving.
	I THE ISLAN HE DOWN



Anst C-DB, ti[c]=ti[c]=ti[c]=ti[b]
For any two tuples to and to in Golumn Cand B. ANSS/F-SA->BCCD-XE,B->DE->AS 1000910) (considering both attributes are atomic, it is 1 5 MG only 2 attributes are Present other one 12 Prine and Fully Runetionally dependent on the landicate kery townal Functional dependency from Ce It 18 m 2NF. Post and a C Rand B CR X -> Pis the resultant from (1) 18 a suporker For R Whore X is the Candidate Loy among the two other bites Hemoe It is BCNE