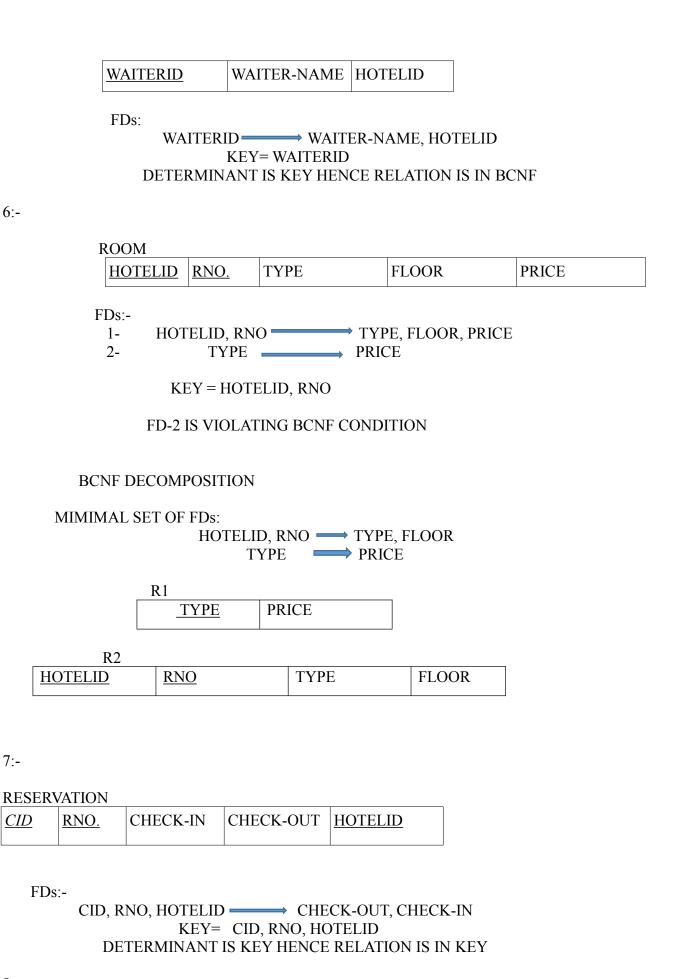
Normalisation (BCNF)

1.-

1:-											
CUSTOMER											
<u>CID</u>	TITLE	FNAME	MINIT	LNAM	1E .	ADDRI	ESS	CONTACT	NO.	EMAIL	WAITERID
FDs:-											
CID TITLE, FNAME, MINIT, LNAME, ADDRESS, CONTACT NO., EMAIL, WATERID											
KEY = CID DETERMINANT IS KEY HENCE RELATION IS IN BCNF											
2:- RELATIVES											
CID		ELATIVE-	-NAME	SEX	REL	ATION	SHII				
FDs: CID, RELATIVE-NAME SEX, RELATIONSHIP Key= CID, RELATIVE-NAME DETERMINANT IS KEY HENCE RELATION IS IN BCNF											
3:- CITY ZIP NAME STATE											
FDs: NAME, STATE											
KEY = ZIP DETERMINANT IS KEY HENCE RELATION IS IN BCNF											
4:-	НОТІ	EL			ı						
	<u>НОТ</u>	ELID	NAME	ZIP	ADD	DRESS	RAT	ING			
FDs:-	НО	OTELID=		NAME.	ADDI	RESS. I	RATI	NG. ZIP			
HOTELID NAME, ADDRESS, RATING, ZIP KEY = HOTELID DETERMINANT IS KEY HENCE RELATION IS IN BCNF											

5:-

WAITER



8:-

7:-

 \underline{CID}

6:-

OFFER

CID	HOTELI	D O	EEEDID	OFFED NA	MEG	TADT	DATE	END	DATE	DICCOLDIT	
CID	HOTELI	$\overline{\rho}$	FFERID	OFFER_NA	MIE S	IAKI	-DATE	END-	DATE	DISCOUNT	
FDs:- 1- CID, HOTELID OFFERID 2- OFFERID OFFER-NAME, STARTDATE, ENDDATE, DISCOUNT KEY=CID, HOTELID FD 1 AND 2 IS VOILATING BCNF CONDITION BCNF DECOMPOSITION											
R1 OFFERID OFFERNAME STARTDATE ENDDATE DISCO							DISCO	UNT			
R2	IID		HOTELI	D	OFFERID						
9:- ITEM		ITEM	NAME	DD ICE/DE	D I INI	IT)					
	ITEM_NAME PRICE(PER-UNIT)										
FDs:- ITEMID ITEMNAME, PRICE KEY= ITEMID DETERMINANT IS KEY HENCE RELATION IS IN BCNF 10:- ORDER											
		<u>ITEM</u>	<u>ID</u>	QUANT	TTY DA		DATE				
FDs:- CID, ITEMID — QUANTITY, DATE KEY= CID, ITEMID DETERMINANT IS KEY HENCE RELATION IS IN BCNF 11:- PH I											
BILL BILLID					PAYMENTMODE			CII	CID		
FDs:-	BILLID KEY=BI IINANT I			E, CID, PAY			Έ				