	Normalization
	S. M. S. M. S. A.
1	- AD ->C A B C D E
3 10 7	$D \rightarrow E$
	$A \rightarrow D$
	way the till
	a) (AB)+= ABCDE "" We are able to find all the
	" we are able to find all the
<u> </u>	altributes: AB is a only candidate
	toy as they are not having any incoming
	edges which guarantees than do be a part
	of key.
	$b)$ $Ab \rightarrow C$
	$0 \longrightarrow E$
	$\begin{array}{c} H \longrightarrow I) \\ \end{array}$
	a non prieme attribute our it is determined
-	mot ieu 3NF.
	RI P
	(ADE)
	$Ab \rightarrow C$ $A \rightarrow D$
	$D \rightarrow F$
	C.K
4	Alb A
	V
	in 2NF not in 3NF
	9 3NF as D which mp is
	determining E which is Af
	: transtin de pondent
malabelli ilininga	

R (DE)
$A_{\text{NL}} = R_{\text{NL}}(ABC)$ $R_{\text{NL}}(ABC)$ R_{NL}
BD->C CK: P CK: P
CK: AB CK: H
DOYDE
TO BUE
2 AB ->CB, A CB
ABC->E
IC > A
of clearly B closs not have any consisting edge. B will from a past of consider key. (ABT = ABCDE.
a dearly B does not nave any consider bey.
Can't DDCDE
OHD US a C.K
$(HC)^{+} = HC (BC)^{+} = BCHDE$
(AD) + - AD : AB IN a CK
(NE)-1
(BD)+=(BD)
+D+ (RE)+= NE [])
: (AD) to and OD) who CK
A,B,C (4)
ADC are prime attribute
DE are non prime attribute.
and and was all many man again the service
cloudy Its in first narmal farms.
also he air ONF (: pd)
also du ant (ma 11)
mot in BCNF because C is which it is determining
A when is also a p.

	DATE: / 201
Bo	
7	galharname = B
- 1	lunch type = C
	dist price = D
1-1-1-1	distribute = C list price = D cuttor appli = F clearly AB does not publisher = F have every edge:
	publisher = F have ency edge:
	$\frac{1}{10000000000000000000000000000000000$
whom P. d	TH THOUSE
thun ha	b > F hone H and B are PA
- rypann bor	CDEF are NPA.
	12 1 70 16 - 77 70 1
1	RI (ACED) R(BE)
	H > CF SHAD > F.
	C->D YOU WILL BY - I (A)
	C.K A.
	V
	RI (ACF) R (DE) = 1 (30)
	H→CF D→E DONE
	CKB CKB
	h d a c d d d d d d d d d d d d d d d d d
	Con Contract of the Contract o
	C-7D
	The first that the first of the
	The second of th
	Edding to the control of the control
patrix and h	-a-to-many and Thomas as her
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N. S. C. A. S. C.	DATE
	DAR CAB SE MA
	1 A A SA
4:	$B \rightarrow C$
1	0 > 0
	A AA
	(A+) = A 600 / 1
	$(B^{+}) = BCDB$
	(ct)= CDAB
	(D+) = ABCD
	charly ABCD are spring albertates no pastial dependency and they are in 3NF or those is no pastial dependency
	and they are an shi
	brause a preme attrabuter (in avery ED) is determing
	another prime albuhula untich is not allowed.
	another prime attributes and as the
	R(HD) R(DC) R(CO) Ry (AD)
()ALD	
1400	11(0
2	Now all the instation and air BCNF.
	ii) K(AUCO) A B CD
	$B \rightarrow C$
	$0 \rightarrow 0$
	closely A and B does not have any enganing
	Edge 14 C That are calculated poor. off 11. 1.
	and the proof of
	HDI = HBCD
	as MPA. It is a ck and A and B are PA with C. 90
	as NPA. The and I are PA with C. 90
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	DATE: , 301
	at not in ENF because B during P.A determines Cand D which we not P.A.
h	The RI(BCD) RI(HB) CH B CK AB.
	Now an BCNF.
5:	(do do)
63	O $D \rightarrow C$ C C C C C C C C C
	ABUCDUSTINE MARKET NO MENTER OF THE STATE OF
6	leavely B and D does not have carry incoming
6	doe lie essential prience albertantes I house that
()	D + P C P
	tus only C.X.
puis des	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
() () () () () () () () () ()	C does not have any excoming edge. 3 BC) + = ABCD] KA.
	3CD) + = DCDA J
2	AND ARTHUR ARTHU
7 11	

PAGE NO ABC