•	Assignment Z
Problem 1)	R(A,B,C,D,E)
	OA>B DE>A DCE>O
1.1	· Can only produce: A. B. and O but not Coand
	E therefore cond E has to be in every key
1 Ley:	3CEZ S SCOES SACDEZUS ZABCDE
	ECE3 SCEA3 also a key
	ECEZ ECEAZ also a key
	¿ C3→ 2C3, SE3 ©> SEA3
Minimal:	· Since all other keys requires &CEE in it plus
Key	Some other variable, making it bigger than SCEE
	This, [ECE] is a minimal bey by default.
1.2	SA3-5 A3, check reductancy,
Missiande	SA3-5A3, -check reductancy, -check reductancy, SE3-5E3+1 -no other rules can be
Basis"	OSCE3-35CEAZV. applied.
	25 000
1.3	R(A, B,C,DE)
BCNF:	EAZ 0>SABZ-Ques not fit BRNF.
	REABJO RIZEACOEZ -Split base and check rule
	already in BCNF LHS not a aper key due to FDQ(E-7A)
S. A. K.	RZISAEE RZZECDEZ
	already: n BCNF
' ' '	R.1. 8 AB3
	RusAEZ
	RZ SCOE?

1.4	R(AB,CD,E)	
3NF:	R. 3 AB3 R, SEA?	R38CED3
	net spertay	contain key i syperkey
7 1	Rescenz)	

Problem of S(C,E, 3,P,R,T)
05->P @T->E @ 5->C @ 5T->R &C->P
2.1 Can only produce: C, E, P, and R betrut Jand T
therefore To d This following every last
therefore Jand Thas to be in every lay.  Vey: \$373 \$57PE3\$57PE3\$57PEC3\$57PEC3\$
@ is redudant
SJT3 - STRUTES also a low
Form the lay and superlay.  \$3,73 - STE3 also a key  \$539, \$503 \$503 \$73-5 \$763
Minimal. Since all other keys requires SJIE in its plus some
key other variable, making it biccer than 9518. Thus
Key other variable, making it bigger than 9513. Thux,  [3513] is a minimal lay by default.
1.2 333-39503 53CP3 x - check redudancy
5 TE-73 TEV 255 3CD3 Codudent on A
9553 \$502 V
5572 \$ 55TPC2 \$ 55TPC5?
9539559 5573-5 55TP3 55TPC3-55TPCE3/ 0363-563/
Minimul. 3T3->2T3
Dasis' 533->350
SSTE-SSTPCE?
SC3-35C31

1.3	S(CE, J.P.RT)
OCNF:	ST39STEF - Does not GIA BOWF
	Rusties 0 STONOR3 -Solid base and Chock alo
	already in DCNF (IHS not) & super key due to FDS (3>P)  (Ry ECP3 (225CT3R3 FD3 (3>C)  R31 EJC3 R32EJRTE
	TR, SCP? 12, SCIJB3 FD3(J->C)
	P3/ \$5C3 P355RTE
	whend in RMI
	The acs
	Rascoz
3), hy t	R31 (50)
	R32 & SR73
1,4	SCEJRRT)
BNF:	R. EJPZ R. EJTEZ R. EJTRZ R. EJTRZ R. ECPZ
	Contantey: spectory
	net spectory
1	
(,	Ru 35TR 3