## DBMS-LAB-Assig6-Normalization

Name's S. Pavankumar Reg No's 19BCS 0 97

	the tab					
For a table to be INF Tall must be						
scalar , Primary key 18 1D						
1D#1	Name 1	Age	locati	on	Course	
1	Sachin	22	Delh	i	05	
part de elle	Sachin		Dell	6 4	DBMS	
2	Ram	22.	Jamsh		DAA	
2	Ran	22	Jamsh		DBMS	
3	Mike.	23	Che	innai	WL	
3	Mike	23	che	nnai	05	
4	Samcer	21	Be	ngaluru	DAA	
4	Sameev	2	, B	engalur	a. ML	
5	Vijaj	2 9		Mont		
5	viaj	2	2	Mum	bail DSM	

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(All) The	second table F No need d	is alte	
KIN	F No need d	any con	doin
Tr		9	vergion.
	Commercial and al	اللت لحل	
2) ) E.	mp-ID -> Name,	Age Dut	A STATE OF THE PARTY OF THE PAR
Emp- 1]	determines the	blues of No	ame Age
Emp_	ID, Duty-Shif-ID  is Primary key	- Duty	-Shift.
Emp-ID	is Primary key	> Partial	de Pendery
E 201	, Duty shift ID as	re. Prime A	Attribut.
[m/-11)	, 1019-131411-110	C 1.74	A Halb. L
Name, A	ige, Dity-Shift are	Candidale.	T. T. COOL
Emp-ID	Name	Age	
101	Aron &	26 M	
102	Bobby ?	28	2
A1103	Sureah	32	
104	Sita	24	
100		barreer	
	Till as	for	
	2 C C		

Emp-ID	Duty-shif	1D Dits	Shoff
101	- Marchand	Mornin	9
102	weet las		
	3	11011	
104	his displie	Moons	
ii) Emp-1	D -> Nam	c. ( ) Partial	
Emp-ID,	. Praject_ID.	-> Prai Danc,	No of hours
	10 Deimary		witariat
		) >> primary	A Hribates
Name, po	roj, Namo, so of 1	Candid	e Attributes
Emp-1D	Name		
123	Ajay		
321	Charu		
546	Rejenh	Cubb. man	II JOD.
765	Abhishek.	Dell	25
EmP-ID	Proj -1D	ProJ_Name	Name ofhory
123	Pri-21	Speech System	10
321	Pri-45	HRSglen	15
546	Pri-24	AutomobiTickes	23
7-65	P8J-11	NLP	16

3) i) Cust-ID > Primarker. CNSt-ID -> custname, cust-postcode, cust-addrey Cost\_name > cust port code, cust\_Address\_ cust\_by > Transtive dependency. Customer will deside his location. For a table be 3NF There should be translive dependence. ad old schema -> (cust\_1D), cust\_name, cust\_posted Cust-Address Cust-lay New Schema > (cust\_1D), cust\_namely New Schema > { Cust\_name, cust\_Portrode, cult\_Advery Cust-lock Cust\_ID Cust-name 25 Dell 45 lerovo 89 Aces 90 Sambung.

cust-Postcode cost-mama Cust Addres Custos 5 60037 Dell whitefield Bongolon 5 600 46 Lenove Marathahali Bongolon ACO Bandva Mumbri 210067 4 5000 73 Sarroung Delhicertran Pelhi 11) Building - Primary Kez Building -> contractor, Buider, Fee.

Contractor -> Fee > Transitive defendency

New Schema -> { Building, Builder, Contractor}

New Schema -> { Contractor, Fee ].

3NF 10

# Building	Contractor	Builden
B-2156	Taylor	Prestige
B-8765	Sandeep	Hiranan dani
13-4567	Vi sha ka	Tata.

Fee Contractor 2567891 Taylor 3567356 Sandep 4567990. Vishaka 1 Scoop 13 Phones Petri Building Promote Many - Labl sat whose , rotar too watsort and with out and a dechera a les [ Bai Lding, Baldon Controlor · Last, votantinos 3 - 1 - modes a whose proton i million inob menorith Goodmin