Lab 9: Normalization Three

People			
pid	firstName	lastName	age
p01	Bob	Little	55
p02	Sherlock	Holmes	30
p03	John	Watson	32
p04	Anna	Milton	40
p05	Chris	Martin	42
p06	Cosmo	Kramer	39
<b>p</b> 07	Greg	Pierce	30
p08	Joanna	Harvelle	39
p09	Megan	Masters	57

Engineers					
pid	highestDegree	favoriteVideoGame			
p01	Bachelor	elor The Legend of Zelda:			
		Ocarina of Time			
p02	Master	Skyrim			
p03	Master	Halo 3			

Operators				
pid	chairPreference	favoriteDrink		
p07	10	Manhattan		
p08	4	Martini		
p09	9	Red wine		

golfHandicap

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Crew					Astroi	nauts
pid	spid				pid	yearsFlying
p04	sp02	$\rightarrow \vdash$	pid	$\dashv$	p04	12
p05	sp01	<b>'</b> '		Ī	<b>p</b> 05	14
p06	sp03				p06	7
$\mathbf{Y}$	<u>.</u>					
s	pid					

Space	Spacecraft				
spid	name	tailNumber	weightTons	fuelType	crewCapacity
sp01	Enterprise	NCC-1701	150	Fuel A	20
sp02	Voyager	NCC-74656	200	Feul B	10
sp03	Titan	NCC-80102	120	Feul A	15

spid

	_/\_			-	
Catalo	og				
spid	systid	ptid	suid		
sp01	syst01	pt01	su01		
sp01	syst01	pt02	su01	systic	1
sp01	syst02	pt03	su01	] <del>} </del>	+
sp01	syst03	pt04	su02	] '	•
sp01	syst03	pt05	su02		
sp01	syst04	pt06	su03		
sp01	syst04	pt07	su03		
sp01	syst05	pt08	su03		
sp01	syst05	pt09	su03		
sp01	syst06	pt10	su04		
sp01	syst06	pt11	su04		
sp02	syst01	pt01	su01		
sp02	syst01	pt02	su01		
sp02	syst02	pt03	su01		
sp02	syst03	pt04	su02		
sp02	syst03	pt05	su02		П
sp02	syst04	pt06	su03		]
sp02	syst04	pt07	su03	]	L
sp02	syst05	pt08	su03		]
sp02	syst05	pt09	su03		L
sp02	syst06	pt10	su04		]
sp02	syst06	pt11	su04		
sp03	syst01	pt01	su01		
sp03	syst01	pt02	su01	اد ند	
sp03	syst02	pt03	su01	ptid	
sp03	syst03	pt04	su02	] <del>}                                     </del>	
sp03	syst03	pt05	su02	]′	
sp03	syst04	pt06	su03		
sp03	syst04	pt07	su03		H
sp03	syst05	pt08	su03		Ι΄
sp03	syst05	pt09	su03		١,
sp03	syst06	pt10	su04		
sp03	syst06	pt11	su04		
		¥ ¯			
		sutid			$\vdash$

	Systems	ems			
	systid	name	description		
	syst01	Power supply	Produces electricity to be used by other		
			onboard systems.		
H	syst02	Structural	Provides a place to attach components		
			internally and externally.		
	syst03	Command and	Responsible for overall management of		
		Data	activity.		
	syst04	Propulsion	Maintains and restores three-axis stability,		
			controls spin, and executes maneuvers.		
	syst05	Environmental	Protects the spacecraft's components from		
			extreme thermal variations, micrometeoroid		
			bombardment, and other space hazards.		
	syst06	Landing	Slows spacecraft's descent and guides it to a		
			soft landing.		

	Parts				
Ì	ptid	name	description		
Ī	pt01	batteries	Produces a direct current by converting chemical		
			energy into electrical energy.		
	pt02	Radioisotope	Converts the heat produced by radioactive decay		
		thermoelectric	of plutonium into electricity.		
		generator			
	pt03	Bus	Establishes basic geometry of the spacecraft.		
.	pt04	RAM	Random access memory, stores large quantities		
H			of digital information.		
Ī	pt05	Spacecraft	A counter that measures the passing of time		
		Clock	during the life of the spacecraft.		
Ī	pt06	Engines	Provides the large torques necessary to maintain		
			stability during a solid rocket motor burn.		
	pt07	Thrusters	Used to provide the delta-V required for		
			interplanetary trajectory correction maneuvers,		
			orbit trim maneuvers, and reaction wheel		
			desaturation maneuvers.		
	pt08	Passive cooling	Uses painting, shading, reflectors, and other		
			techniques to cool the spacecraft.		
	pt09	Active heating	Uses resistive electric heaters or radioisotope		
			heaters to keep the spacecraft components above		
			their minimal allowable temperatures.		
	pt10	Descent Engine	The rocket used to power the spacecraft as it		
			makes a controlled landing.		
	pt11	Drogue	A small parachute used to slow and stabilize the		
			spacecraft.		

Suppliers						
suid	name	address	paymentTerms			
su01	Kramerica	35 West	net 90			
	Industries	Street				
su02	Richard Roman	67 Angel	net 60			
	Enterprises	Road				
su03	Starchaser	55 Yellow	net 90			
	Industries	Road				
su04	Orbital Sciences	198 Space	net 30			
	Corp.	Avenue				