Part 1 done by Monday September 21st

	Use E	S6 class syntax to create classes with constructors (and extends keyword whe			
	appropriate) for				
		Person			
		Employee (inherit from Person)			
		Manager (inherit from Employee) (remember that manager keeps track of			
		directReports)			
		Executive (inherit from Manager)			
		Nonemployee (inherit from Person)			
		Contractor (inherit from Nonemployee)			
		Vendor (inherit from Nonemployee)			
		Customer (inherit from Nonemployee)			
	Use fa	ker.js to create fake data for			
		5 vendors			
		5 customers			
		5 contractors			
		20 employees			
		5 managers			
		3 executives			
		e constructors with fake data for			
		5 vendor objects of type Vendor			
		5 customer objects of type Customer			
		5 contractor objects of type Contractor			
		20 employee objects of type Employee			
		5 manager objects of type Manager			
		3 executive objects of type Executive			
		the objects so that			
		Each employee reports to a random manager.			
		Last three managers report to the second executive.			
		First and second executives report to the third executive.			
_		Third executive reports to itself. (Yes, I've seen this done.)			
		ur objects in arrays called			
		vendors			
		customers			
		contractors			
		employees			
		managers			
		executives			

Part 2 done by Friday September 25th

			SQLite3 (sql sc	cript,	, don't use	JS)
		create	DB ORM1			
			create tables			
		create	DB ORM2			
			create tables			
		create	DB ORM3			
			create tables			
		create	DB ORM4			
			create tables			
			Postgres (sql s	scrip	ot, don't us	e JS)
			DB ORM1			
			create tables			
			DB ORM2			
			create tables			
		create	DB ORM3			
			create tables			
			DB ORM4			
			create tables			
			MSSQL (option	nal)	(sql script	, don't use JS)
			DB ORM1			
			create tables			
			DB ORM2			
	_		create tables			
			DB ORM3			
	_		create tables			
			DB ORM4			
	Craata		create tables	۱۱م	(and anning	doubt upo IC)
_			MySQL (option	ai)	(sqi script	, don't use 35)
			DB ORM1 create tables			
			DB ORM2			
			create tables DB ORM3			
			create tables DB ORM4			
		_	create tables			

Part 3 done by Wednesday September 30th

Use the strategy in subsheet ORM1 to create DAO modules. All DAOs must use
prepared statements.
■ vendorDAO1Sqlite.js (Note: there is no PersonDAO or NonEmployeeDAO)
□ C
□ R
□ U
□ D
D L
□ customerDAO1Sqlite.js
□ C
□ R
□ U
□ D
□ contractorDAO1Sqlite.js
□ C
□ R
u U
D D
D L
□ employeeDAO1Sqlite.js
□ C
□ R
D D
□ managerDAO1Sqlite.js
□ C
□ R
D D
L L
□ executiveDAO1Sqlite.js
□ R
D D
Write a perint to iterate ever vanders to erecta() in vanderDAC4S clite is to nanulate the
Write a script to iterate over vendors to create() in vendorDAO1Sqlite.js to populate the right table(s)
HUHLIAUISIA.

☐ Write a script to iterate over customers. Use create() in vendorDAO1Sqlite.js to populate

the right table(s).

Write a script to iterate over contractors. Use create() in vendorDAO1Sqlite.js to				
populate the right table(s).				
Write a script to iterate over employees. Use create() in vendorDAO1Sqlite.js to populate				
the right table(s).				
Write a script to iterate over managers. Use create() in vendorDAO1Sqlite.js to populate				
the right table(s).				
Write a script to iterate over executives. Use create() in vendorDAO1Sqlite.js to populate				
the right table(s).				
The DAO on the previous page is just one tuple from this cartesian product				
{ORM1, ORM2, ORM3, ORM4} x {SQLite, Postgres, *MSSQL, *MySQL} x {raw DAO,				
knex DAO}				
Repeat the previous page for the rest of the DAOs.				

{SQLite, Postgres, *MSSQL, *MySQL} x {sequelize} (Sequelize makes its own ORM)

Do the tuples for

MSSQL and MySQL are optional. If you do them, you must complete them. No partial credit.

If you didn't pay attention during set theory in discrete math, then it sucks to be you because the terms "tuple" and "cartesian product" are used all the time in database work.