

Q1

nick Buonan

Condition	Rule1	Rule2	Rule3	Rule4	Rule5
purchase amount > \$500	NO	Yes	Yes	Yes	Yes
Customer type: premium member	—	Yes	No	No	No
Customer type: Regular member	—	No	Yes	No	No
Customer type: Non-member	—	No	No	Yes	Yes
Customer residence: Arkansas	—	—	—	Yes	No
Action					
Discount	None	20%	10%	5%	None

Q2

nick Berman

OperationCenter

PK

CenterNo	CenterName	Location	manager EmpID
----------	------------	----------	---------------

FK: EmpID

Item

PK

ItemNo	ItemName	size	color	Price	centerNo	purchaseNo	part Item No
--------	----------	------	-------	-------	----------	------------	--------------

FK: centerNo FK: purchaseNo FK: part Item No

Employee

PK

EmpID	FirstName	LastName	Address	HireDate	centerNo
-------	-----------	----------	---------	----------	----------

FK: centerNo

PurchaseTransaction

PK

PurchaseNo	PurchaseDate	ReceivedDate	quantity	It	ItemNo	Vendor ID
------------	--------------	--------------	----------	----	--------	-----------

FK: ItemID FK: ItemID FK: Vendor ID

Vendor

PK

VendorID	Name	Contact	PurchaseNo
----------	------	---------	------------

FK: PurchaseNo

Item Parts

PK

PK

ItemNo	partItemNo
--------	------------

FK: ItemNo