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Featured Oriented Programming. (Homework – 1)

PART-1

Entry Station

EntryStationID#	StationID	IsOperating

ATM

ATM#	CashOnHand	Dispensed	StationID	IsOperating	ConsortiumID#

Consortium

ConsortiumID#

CashierStation

CashierStationId#	StationID	IsOperating	BranchID#

Branch

BranchID#	Connected

User

UserID#

PART-2

Table-A

A_ID#	f	B_ID#

Table-B

B_ID#	h	A_ID#

Yes, it is possible for an A instance to have a B instance and a B instance to have no A instance. This is because, it is mentioned in the UML that A can have 0 or 1 instance of B and similarly B can have 0 or 1 instance of A. In our case, A would have 1 and B would have 0.

In that case, sample data would like:

A_ID#	f	B_ID#
a_1	a_f	b_1

B_ID#	H	A_ID#
b_1	b_h	*NULL*