

1. Predicates :

P1: ((person.moneySaved > person.moneyNeeded) && (!vacationDates.datesAreWorkingDays
|| (person.canUseVacationDays == 1)))

2. Truth tables:

Row	money Saved > money Needed	datesAreWork ingDays	canUseVa cation	P	PMoney Saved > moneyN eeded	PdatesAreWork ingDays	PcanUseVa cation
1	T	T	T	T	T	F	T
2	T	T	F	F	F	T	T
3	T	F	T	T	T	F	F
4	T	F	F	T	T	T	F
5	F	T	T	F	T	F	F
6	F	T	F	F	F	F	F
7	F	F	T	F	T	F	F
8	F	F	F	F	T	F	F

3. TR for: CACC, RACC

CACC

MajorClause	Set of possible tests
moneySaved > moneyNeeded	(1,5), (1,7), (1,8), (3,5), (3,7), (3,8), (4,5), (4,7), (4,8)
datesAreWorkingDays	(2,4)
canUseVacation	(1,2)

RACC

MajorClause	Set of possible tests
moneySaved > moneyNeeded	(1,5), (3,7), (4,8)
datesAreWorkingDays	(2,4)
canUseVacation	(1,2)