

Задание 1

а. Создание EmpNum в dbo.Employee

	NationalIDNum...	LoginID	JobTi...	BirthDate	MaritalStat...	Gen...	HireDate	VacationHo...	SickLeaveHo...	ModifiedD...	EmpNum
1	603686790	adventure-works\mikael0	Buyer	1978-09-18	S	M	2003-03-14	144	49	2008-07-31	NULL
2	792847334	adventure-works\arvind0	Buyer	1968-09-21	M	M	2003-04-01	144	50	2008-07-31	NULL
3	407505660	adventure-works\linda2	Buyer	1964-12-31	M	F	2004-01-18	144	48	2008-07-31	NULL
4	482810518	adventure-works\fukiko0	Buyer	1964-12-25	M	M	2004-02-05	144	48	2008-07-31	NULL
5	466142721	adventure-works\gordon0	Buyer	1960-12-30	M	M	2004-02-12	144	46	2008-07-31	NULL
6	367453993	adventure-works\frank2	Buyer	1946-06-13	M	M	2004-02-24	144	49	2008-07-31	NULL
7	381073001	adventure-works\eric2	Buyer	1966-10-19	S	M	2004-02-28	144	47	2008-07-31	NULL
8	785853949	adventure-works\erin0	Buyer	1965-02-04	S	F	2004-03-03	144	46	2008-07-31	NULL

б. Табличная переменная @TableVar

	BusinessEntit...	NationalIDNum...	LoginID	JobTi...	BirthDate	MaritalStat...	Gen...	HireDate	VacationHo...	SickLeaveHo...	ModifiedDate	EmpNum
1	251	603686790	adventure-works\mikael0	Buyer	1978-09-18	S	M	2003-03-14	59	49	2008-07-31 00:00:00.000	1
2	252	792847334	adventure-works\arvind0	Buyer	1968-09-21	M	M	2003-04-01	60	50	2008-07-31 00:00:00.000	2
3	253	407505660	adventure-works\linda2	Buyer	1964-12-31	M	F	2004-01-18	56	48	2008-07-31 00:00:00.000	3
4	254	482810518	adventure-works\fukiko0	Buyer	1964-12-25	M	M	2004-02-05	57	48	2008-07-31 00:00:00.000	4
5	255	466142721	adventure-works\gordo...	Buyer	1960-12-30	M	M	2004-02-12	52	46	2008-07-31 00:00:00.000	5
6	256	367453993	adventure-works\frank2	Buyer	1946-06-13	M	M	2004-02-24	58	49	2008-07-31 00:00:00.000	6
7	257	381073001	adventure-works\eric2	Buyer	1966-10-19	S	M	2004-02-28	54	47	2008-07-31 00:00:00.000	7
8	258	785853949	adventure-works\erin0	Buyer	1965-02-04	S	F	2004-03-03	53	46	2008-07-31 00:00:00.000	8
9	259	20269531	adventure-works\ben0	Buyer	1967-07-05	M	M	2004-04-09	55	47	2008-07-31 00:00:00.000	9

в. dbo.Employee после update

	BusinessEntit...	NationalIDNum...	LoginID	JobTi...	BirthDate	MaritalStat...	Gen...	HireDate	VacationHo...	SickLeaveHo...	ModifiedD...	EmpNum
1	251	603686790	adventure-works\mikael0	Buyer	1978-09-18	S	M	2003-03-14	59	49	2008-07-31	1
2	252	792847334	adventure-works\arvind0	Buyer	1968-09-21	M	M	2003-04-01	60	50	2008-07-31	2
3	253	407505660	adventure-works\linda2	Buyer	1964-12-31	M	F	2004-01-18	56	48	2008-07-31	3
4	254	482810518	adventure-works\fukiko0	Buyer	1964-12-25	M	M	2004-02-05	57	48	2008-07-31	4
5	255	466142721	adventure-works\gordo...	Buyer	1960-12-30	M	M	2004-02-12	52	46	2008-07-31	5
6	256	367453993	adventure-works\frank2	Buyer	1946-06-13	M	M	2004-02-24	58	49	2008-07-31	6
7	257	381073001	adventure-works\eric2	Buyer	1966-10-19	S	M	2004-02-28	54	47	2008-07-31	7
8	258	785853949	adventure-works\erin0	Buyer	1965-02-04	S	F	2004-03-03	53	46	2008-07-31	8
9	259	20269531	adventure-works\ben0	Buyer	1967-07-05	M	M	2004-04-09	55	47	2008-07-31	9

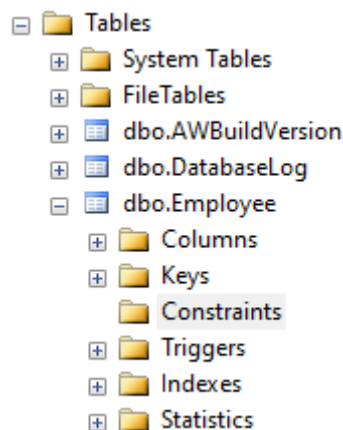
г. Delete dbo.Employee при emailpromotion = 0

	BusinessEntit...	NationalIDNum...	LoginID	JobTi...	BirthDate	MaritalStat...	Gen...	HireDate	VacationHo...	SickLeaveHo...	ModifiedD...	EmpNum
1	251	603686790	adventure-works\mikael0	Buyer	1978-09-18	S	M	2003-03-14	59	49	2008-07-31	1
2	257	381073001	adventure-works\eric2	Buyer	1966-10-19	S	M	2004-02-28	54	47	2008-07-31	7

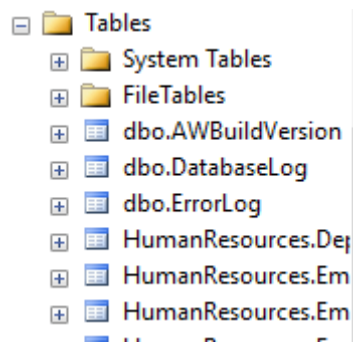
е. Название ограничений + ограничений нет после их удаления

	CONSTRAINT_NAME
1	UQ__Employee__F85A0A9E86314AD7
2	VacationHoursCheck

	name
1	df_VacationHours



f. Таблица удалена



Задание 2

а. Новые поля в таблице dbo.Employee

	loginID	JobTi...	BirthDate	MaritalStat...	Gen...	HireDate	VacationHo...	SickLeaveHo...	ModifiedD...	SumTo...	SumTaxA...	WithoutT...
1	dventure-works/mikael0	Buyer	1978-09-18	S	M	2003-03-14	144	49	2008-07-31	NULL	NULL	NULL
2	dventure-works/larvind0	Buyer	1968-09-21	M	M	2003-04-01	144	50	2008-07-31	NULL	NULL	NULL
3	dventure-works/linda2	Buyer	1964-12-31	M	F	2004-01-18	144	48	2008-07-31	NULL	NULL	NULL
4	dventure-works/fukiko0	Buyer	1964-12-25	M	M	2004-02-05	144	48	2008-07-31	NULL	NULL	NULL
5	dventure-works/gordon0	Buyer	1960-12-30	M	M	2004-02-12	144	46	2008-07-31	NULL	NULL	NULL
6	dventure-works/frank2	Buyer	1946-06-13	M	M	2004-02-24	144	49	2008-07-31	NULL	NULL	NULL
7	dventure-works/eric2	Buyer	1966-10-19	S	M	2004-02-28	144	47	2008-07-31	NULL	NULL	NULL
8	dventure-works/erin0	Buyer	1965-02-04	S	F	2004-03-03	144	46	2008-07-31	NULL	NULL	NULL

б + с. Временная таблица с данными #Employee

	BusinessEntit...	NationalIDNum...	LoginID	JobTi...	BirthDate	MaritalStat...	Gen...	HireDate	VacationHo...	SickLeaveHo...	ModifiedDate	SumTotal	SumTaxAmt
1	251	603686790	adventure-works/mikael0	Buyer	1978-09-18	S	M	2003-03-14	144	49	2008-07-31 00:00:00.000	7426610,6434	537873,7177
2	252	792847334	adventure-works/larvind0	Buyer	1968-09-21	M	M	2003-04-01	144	50	2008-07-31 00:00:00.000	NULL	NULL
3	253	407505660	adventure-works/linda2	Buyer	1964-12-31	M	F	2004-01-18	144	48	2008-07-31 00:00:00.000	7423411,2039	537441,5337
4	254	482810518	adventure-works/fukiko0	Buyer	1964-12-25	M	M	2004-02-05	144	48	2008-07-31 00:00:00.000	6578521,3325	476653,9121
5	255	466142721	adventure-works/gordo...	Buyer	1960-12-30	M	M	2004-02-12	144	46	2008-07-31 00:00:00.000	6305115,8315	456478,9729
6	256	367453993	adventure-works/frank2	Buyer	1946-06-13	M	M	2004-02-24	144	49	2008-07-31 00:00:00.000	6552648,5738	474407,8164
7	257	381073001	adventure-works/eric2	Buyer	1966-10-19	S	M	2004-02-28	144	47	2008-07-31 00:00:00.000	6942815,7662	502647,294
8	258	785853949	adventure-works/erin0	Buyer	1965-02-04	S	F	2004-03-03	144	46	2008-07-31 00:00:00.000	5556272,2301	402407,664

д. Delete MaterialStatus = 'S' from dbo.Employee

	BusinessEntit...	NationalIDNum...	LoginID	JobTi...	BirthDate	MaritalStat...	Gen...	HireDate	VacationHo...	SickLeaveHo...	ModifiedD...	SumTo...	SumTaxA...	V
1	252	792847334	adventure-works/larvind0	Buyer	1968-09-21	M	M	2003-04-01	144	50	2008-07-31	NULL	NULL	✓
2	253	407505660	adventure-works/linda2	Buyer	1964-12-31	M	F	2004-01-18	144	48	2008-07-31	NULL	NULL	✓
3	254	482810518	adventure-works/fukiko0	Buyer	1964-12-25	M	M	2004-02-05	144	48	2008-07-31	NULL	NULL	✓
4	255	466142721	adventure-works/gord...	Buyer	1960-12-30	M	M	2004-02-12	144	46	2008-07-31	NULL	NULL	✓
5	256	367453993	adventure-works/frank2	Buyer	1946-06-13	M	M	2004-02-24	144	49	2008-07-31	NULL	NULL	✓
6	259	20269531	adventure-works/ben0	Buyer	1967-07-05	M	M	2004-04-09	144	47	2008-07-31	NULL	NULL	✓

е. После merge dbo.Employee и #Employee

	BusinessEntit...	NationalIDNum...	LoginID	JobTi...	BirthDate	MaritalStat...	Gen...	HireDate	VacationHo...	SickLeaveHo...	ModifiedD...	SumTotal	SumTaxAmt	WithoutTax
1	251	603686790	adventure-works/mikael0	Buyer	1978-09-18	S	M	2003-03-14	144	49	2008-07-31	7426610,6434	537873,7177	6888736,9257
2	252	792847334	adventure-works/larvind0	Buyer	1968-09-21	M	M	2003-04-01	144	50	2008-07-31	NULL	NULL	NULL
3	253	407505660	adventure-works/linda2	Buyer	1964-12-31	M	F	2004-01-18	144	48	2008-07-31	7423411,2039	537441,5337	6885969,6702
4	254	482810518	adventure-works/fukiko0	Buyer	1964-12-25	M	M	2004-02-05	144	48	2008-07-31	6578521,3325	476653,9121	6101867,4204
5	255	466142721	adventure-works/gordo...	Buyer	1960-12-30	M	M	2004-02-12	144	46	2008-07-31	6305115,8315	456478,9729	5848636,8586
6	256	367453993	adventure-works/frank2	Buyer	1946-06-13	M	M	2004-02-24	144	49	2008-07-31	6552648,5738	474407,8164	6078240,7574
7	257	381073001	adventure-works/eric2	Buyer	1966-10-19	S	M	2004-02-28	144	47	2008-07-31	6942815,7662	502647,294	6440168,4722
8	258	785853949	adventure-works/erin0	Buyer	1965-02-04	S	F	2004-03-03	144	46	2008-07-31	5556272,2301	402407,664	5153664,5861
9	259	20269531	adventure-works/ben0	Buyer	1967-07-05	M	M	2004-04-09	144	47	2008-07-31	5186032,1159	375459,337	4810572,7789