AUTHOR

	Λ	Λ	Λ	Λ
				LAST_NAME
1	BROWN_E_1	Eason	Lynn	Brown
2	CARTE_T_2	Traci	Audrey	Carte
3	DENNIS_A_3	Alan	Tyler	Dennis
4	DOUGLAS_D_4	David	George	Douglas
5	GARFIELD_M_5	Maggie	(null)	Garfield
6	HOFFER_J_6	Jay	Christina	Hoffer
7	HUNTER_K_7	Kelly	Lynne	Hunter
8	JONES_B_8	Brianna	Joseph	Jones
9	JONES_E_9	Edward	Lila	Jones
10	JOYCE_H_10	Henry	Douglas	Joyce
11	KAYE_G_11	Green	Herbert	Kaye
12	MCFADDEN_J_12	Joe	Vincent	McFadden
13	PICASSO_P_13	Paige	Caroline	Picasso
14	PRESCOTT_M_14	Mary	Elizabeth	Prescott
15	SCHIANO_W_15	Wong	Charles	Schiano
16	SMITH_K_16	Kai	Inna	Smith
17	SMITH_H_17	Howard	Hank	Smith
18	SWATSON_R_18	Richard	Matthew	Swatson
19	WATSON_H_19	Hugh	Scott	Watson

AUTHOR_BOOK_LISTING

	# AUTHOR_ID	
1	BROWN_E_1	978-3-16-148410-0
2	JONES_B_8	978-3-16-148410-0
3	BROWN_E_1	978-7-24-039747-5
4	JONES_E_9	978-7-24-039747-5
5	HUNTER_K_7	978-7-24-039747-5
6	BROWN_E_1	978-9-41-082618-1
7	HOFFER_J_6	978-2-52-852947-9
8	JOYCE_H_10	978-6-91-682987-2
9	SMITH_K_16	978-1-04-028763-8
10	BROWN_E_1	978-1-04-028763-8
11	DOUGLAS_D_4	978-9-02-748298-2
12	SCHIANO_W_15	978-1-05-948371-4
13	DOUGLAS_D_4	978-1-05-948371-4
14	PICASSO_P_13	978-1-05-948371-4
15	GARFIELD_M_5	978-9-41-082618-1
16	SMITH_H_17	978-6-91-682987-2
17	MCFADDEN_J_12	978-3-16-434327-5
18	PRESCOTT_M_14	978-3-16-434327-5
19	SWATSON_R_18	978-4-33-058176-7
20	WATSON_H_19	978-2-52-852947-9
21	CARTE_T_2	978-2-04-423874-9
22	DENNIS_A_3	978-8-43-423565-8
23	KAYE_G_11	978-3-54-068205-5

CLASS

	REFERENCE_NUMBER	START_DATE	END_DATE			UNIQUE_CODE
1	10017	04-APR-18	05-APR-18	199111011	2a	ADV-APPLE-WORD
2	10011	02-APR-18	02-APR-18	199712151	la	ADV-INTERNET
3	10030	22-APR-18	24-APR-18	199712151	8	ADV-JAVA
4	10014	04-APR-18	05-APR-18	200111051	5	ADV-MS-ACCESS
5	10009	11-APR-18	12-APR-18	199712151	5	ADV-MS-EXCEL
6	10006	15-APR-18	16-APR-18	199905101	3	ADV-MS-PPT
7	10003	08-APR-18	09-APR-18	199905102	3	ADV-MS-WORD
8	10023	22-APR-18	26-APR-18	199111011	4	ADV-NOVELL-NETWORK
9	10020	22-APR-18	26-APR-18	200006121	2a	ADV-PHOTOSHOP-MAC
10	10016	02-APR-18	03-APR-18	199905101	2a	INTMED-APPLE-WORD
11	10029	08-APR-18	09-APR-18	199111011	8	INTMED-JAVA
12	10013	02-APR-18	03-APR-18	199905102	5	INTMED-MS-ACCESS
13	10008	09-APR-18	10-APR-18	199712151	5	INTMED-MS-EXCEL
14	10005	10-APR-18	11-APR-18	199111011	3	INTMED-MS-PPT
15	10002	03-APR-18	04-APR-18	199712151	3	INTMED-MS-WORD
16	10022	15-APR-18	17-APR-18	200112041	4	INTMED-NOVELL-NETWORK
17	10019	15-APR-18	17-APR-18	199712151	2a	INTMED-PHOTOSHOP-MAC
18	10015	29-APR-18	29-APR-18	200111051	2b	INTRO-APPLE-WORD
19	10024	04-APR-18	04-APR-18	199905101	6	INTRO-COMPUTING
20	10025	01-APR-18	01-APR-18	199712151	6	INTRO-GRAPHICS
21	10028	04-APR-18	04-APR-18	200112041	7	INTRO-JAVA
22	10026	01-APR-18	01-APR-18	199111011	2b	INTRO-MAC
23	10012	01-APR-18	01-APR-18	200006121	5	INTRO-MS-ACCESS
24	10007	08-APR-18	08-APR-18	199712151	5	INTRO-MS-EXCEL
25	10004	05-APR-18	05-APR-18	199905101	3	INTRO-MS-PPT
26	10001	02-APR-18	02-APR-18	199111011	3	INTRO-MS-WORD
27	10021	01-APR-18	03-APR-18	200112041	4	INTRO-NOVELL-NETWORK
28	10018	08-APR-18	10-APR-18	200111051	2b	INTRO-PHOTOSHOP-MAC
29	10010	01-APR-18	01-APR-18	200001141	la	INTRO-INTERNET
30	10027	03-APR-18	03-APR-18	200111011	7	INTRO-WINDOWS
31	10031	04-MAY-18	05-MAY-18	200111051	5	ADV-MS-ACCESS
32	10032	11-MAY-18	12-MAY-18	199712151	la	ADV-MS-EXCEL
33	10033	15-MAY-18	16-MAY-18	199905101	2b	ADV-MS-PPT
34	10034	10-MAY-18	11-MAY-18	199905101	3	INTMED-MS-PPT
35	10035	03-MAY-18	04-MAY-18	199712151	3	INTMED-MS-WORD
36	10036	15-MAY-18	17-MAY-18	200112041	4	INTMED-NOVELL-NETWORK
37	10037	04-MAY-18	04-MAY-18	199712151	la	INTRO-COMPUTING
38	10038	01-MAY-18	01-MAY-18	199712151	6	INTRO-GRAPHICS
39	10039	04-MAY-18	04-MAY-18	200112041	1b	INTRO-JAVA

CLASSROOM

			♦ HARDWARE_ID
1	la	5	MAC
2	1b	5	MAC
3	2a	5	PC
4	2b	5	PC
5	3	5	MAC
6	4	5	PC
7	5	15	PC
8	6	15	PC
9	7	15	MAC
10	8	10	PC

CLIENT

1	CLIENT_NUMBER							STATE		♦ PHONE_NUMBER	
1 1	00001	Eric	Myles	Jacobs	44 Forest Street	apt 36	Waltham	ma	02345	(781)891-2934	15-MAY-18
2 1	00002	Brian	Kevin	Lange	175 Brooks Street	(null)	Wellesley	MA	02349	(781) 566-9812	20-MAY-15
3 1	00003	Lisa	Diana	East	56 Oak Street	Apt 33	Arlington	MA	89811	(781)897-0987	10-OCT-15
4 1	00004	Thomas	Keith	Meere	p.o. Box 987	(null)	little rock	ak	87612	(null)	15-DEC-16
5 1	00005	Kelley	Elizabeth	Barber	89 Grove St	(null)	Arlington	MA	77812	(617) 987-1244	06-MAR-12
6 1	00006	Hilbert	Ethan	Roberts	25 Washington St	(null)	Beverly	MA	02391	(781) 987-2244	19-MAY-10
7 1	00007	Homer	Lincoln	Simpson	55 Jake Street	Floor 8	Weston	MA	09765	6178887654	04-MAR-10
8 1	80000	Leonard	Thomas	Palmer	22 Paper Street	(null)	wayland	MA	(null)	(null)	15-MAY-13
9 1	00009	Carl	Daniel	Grant	65 Espresso Ave	(null)	Waltham	ma	02345	781-987-0987	16-JUN-18
10 1	00010	Laurie	Marie	Driver	21098 Cameron St	(null)	lexington	ma	(null)	(null)	21-NOV-12
11 1	00011	Sheila	Jane	Arrington	16 Weston Road	(null)	Brookline	MA	09876	(781) 998-0987	09-OCT-07
12 1	00013	James	Robert	Eady	890 Paine Webber	floor 56	Boston	Ma	22101	(781) 889-9178 x56	08-AUG-12
13 1	00014	Dale	Jefferson	Meredith	876 West 35th street	apt 55	NY	NY	33421	(914) 879-0099 X23	06-OCT-12
14 1	00015	Nancy	Anne	Zywiczka	65 Espresso Ave	(null)	Waltham	ma	02345	781-987-0987	16-JUN-18
15 1	00016	Charles	Damon	Wilson	65 Jones Ave	(null)	Waltham	ma	02452	(617) 987-0192	12-MAY-13
16 1	00017	Trent	Michael	Reznor	789 North Street	(null)	lexington	ma	(null)	(null)	12-DEC-16
17 1	00042	Kim	Patricia	Brahier	420 Great Woods pkwy	apt 543	Woods hole	ma	(null)	(781) 987-0987	06-MAY-12
18 1	00019	Christian	David	Hite	9123 Hight street	(null)	Waltham	ma	02452	(508) 912-6523	05-OCT-12
19 1	00020	Ausin	Lucas	Powers	78 Third	room 409	Waltham	ma	02452	(508) 345-0912	21-SEP-18
20 1	00021	Barry	Ryan	Fischer	982 Dinsmore St	(null)	Waltham	ma	02452	(null)	30-AUG-07
21 1	00023	Ludwig	Oliver	Beethoven	9123 Hight street	(null)	Waltham	ma	02452	(508) 781-6178	06-MAY-12
22 1	00024	Scott	Jonathan	Cochran	67 Jester road	(null)	Waltham	ma	02452	(508) 777-0987	14-APR-12
23 1	00043	Fred	Michael	Flintstone	99 Dino Drive	(null)	Waltham	ma	02452	(781)891-3456	15-MAR-12
24 1	00026	John	Teague	Glymph	55 Edmunds Road	(null)	Waltham	ma	02452	(781) 891-3984	16-JUN-12
25 1	00027	George	Mitchell	Pollock	55 Jake Street	Floor 6	Weston	MA	09765	(617)332-0987	22-MAY-12
26 1	00028	Jack	Frank	Welch	22 Paper Street	(null)	wayland	MA	09876	(null)	07-JUL-13
27 1	00029	William	Cody	Jamison	165 Espresso Ave	(null)	Waltham	ma	02345	781-987-3232	02-FEB-12
28 1	00030	Elizabeth	Taylor	Tudor	278 Korinna Ave	(null)	lexington	ma	87654	781-235-8765	17-MAR-13
29 1	00031	Larry	Colin	Hines	6 Weston Road	(null)	Bayside	MA	09876	(781) 998-1259	18-JUL-12
30 1	00032	Miles	Charles	Davis	43 Kirkwood St	(null)	wayland	MA	09876	(null)	15-APR-12
31 1	00033	Heidi	Lauren	Hess	723 Sawyer Road	(null)	wayland	MA	09876	(781) 935-6854	23-AUG-16
32 1	00034	Jose	Louis	Martinez	3090 Lowell Ave	(null)	wayland	MA	09876	(781) 558-0987	08-APR-18
33 1	00035	Douglass	Andrew	Parmann	3790 Lowell Ave	(null)	Waltham	ma	02452	(781) 558-0989	25-DEC-13
34 1	00012	Sai	Helen	He	1678 Stearns Hill Rd	apt 1	Waltham	MA	02453	(781) 558-0929	22-DEC-14
35 1	00018	Jay	Jacob	Wong	200 Forest St	room 1	Waltham	MA	02454	(781) 558-0990	15-DEC-15
36 1	00022	Magy	Min	Xu	175 Forest st	Collins Hall	Waltham	MA	02455	(781) 558-0991	17-DEC-16
37 1	00025	Bao	mei	Qian	1772 Stearns Hill Rd	apt 2	Waltham	MA	02456	(781) 558-0992	25-DEC-07

COURSE

	UNIQUE_CODE	COURSE_LENGTH				♦ HARDWARE_ID
1	ADV-APPLE-WORD	5	200	Advanced	(null)	MAC
2	ADV-INTERNET	5	100	Advanced	(null)	PC
3	ADV-JAVA	7	200	Advanced	(null)	PC
4	ADV-MS-ACCESS	5	300	Advanced	978-9-41-082618-1	PC
5	ADV-MS-EXCEL	5	200	Advanced	978-7-24-039747-5	PC
6	ADV-MS-PPT	5	200	Advanced	978-6-91-682987-2	PC
7	ADV-MS-WORD	5	200	Advanced	978-3-16-434327-5	PC
8	ADV-NOVELL-NETWORK	5	300	Advanced	(null)	PC
9	ADV-PHOTOSHOP-MAC	5	300	Advanced	978-9-02-748298-2	MAC
10	INTMED-APPLE-WORD	3	150	Intermediate	978-2-52-852947-9	MAC
11	INTMED-JAVA	3	150	Intermediate	(null)	PC
12	INTMED-MS-ACCESS	3	250	Intermediate	978-3-16-148410-0	PC
13	INTMED-MS-EXCEL	3	150	Intermediate	978-4-33-058176-7	PC
14	INTMED-MS-PPT	3	150	Intermediate	(null)	PC
15	INTMED-MS-WORD	3	150	Intermediate	978-3-16-434327-5	PC
16	INTMED-NOVELL-NETWORK	3	250	Intermediate	978-2-04-423874-9	PC
17	INTMED-PHOTOSHOP-MAC	3	250	Intermediate	978-1-05-948371-4	MAC
18	INTRO-APPLE-WORD	3	100	Introductory	(null)	MAC
19	INTRO-COMPUTING	3	100	Introductory	(null)	PC
20	INTRO-GRAPHICS	3	100	Introductory	(null)	PC
21	INTRO-JAVA	3	100	Introductory	(null)	PC
22	INTRO-MAC	3	100	Introductory	(null)	MAC
23	INTRO-MS-ACCESS	3	200	Introductory	978-3-16-148410-0	PC
24	INTRO-MS-EXCEL	3	100	Introductory	978-4-33-058176-7	PC
25	INTRO-MS-PPT	3	100	Introductory	978-3-54-068205-5	PC
26	INTRO-MS-WORD	3	100	Introductory	978-2-52-852947-9	PC
27	INTRO-NOVELL-NETWORK	3	200	Introductory	978-2-04-423874-9	PC
28	INTRO-PHOTOSHOP-MAC	3	200	Introductory	978-8-43-423565-8	MAC
29	INTRO-INTERNET	3	100	Introductory	978-1-04-028763-8	PC
30	INTRO-WINDOWS	3	100	Introductory	(null)	PC

COURSE_BOOK

		∯ BOOK_TITLE		UIST_PRICE
1	978-3-16-148410-0	Access for Dummies	Pearson	35
2	978-7-24-039747-5	Excel Step Out	Houghton Mifflin	35
3	978-9-41-082618-1	Access Made Easier	Houghton Mifflin	50
4	978-2-52-852947-9	Introducing Word	Wiley	40
5	978-6-91-682987-2	PowerPoint - The Next Frontier	Houghton Mifflin	45
6	978-1-04-028763-8	Start Using the Internet	Wiley	25
7	978-9-02-748298-2	Photoshop A Little more	Wiley	55
8	978-1-05-948371-4	Photoshop for Artists	Houghton Mifflin	85
9	978-6-42-769302-9	Access Made Easier	Houghton Mifflin	50
10	978-5-21-195031-6	PowerPoint - The Next Frontier	Wiley	45
11	978-3-16-434327-5	Using Word for Business	Wiley	45
12	978-4-33-058176-7	Excel for Dummies	Wiley	25
13	978-6-55-438470-1	Introducing Word	Pearson	45
14	978-2-04-423874-9	Novell Networking - Level 1	Pearson	125
15	978-8-43-423565-8	Photoshop Made Easy	Wiley	55
16	978-3-54-068205-5	PowerPoint for Dummies	Pearson	25

COURSE_BOOK_VENDOR

	⊕ COURSE_BOOK_ISBN	⊕ VENDOR_ID
1	978-3-16-148410-0	*
2	978-7-24-039747-5	1010
3	978-9-41-082618-1	1007
4	978-2-52-852947-9	1012
5	978-6-91-682987-2	1009
6	978-1-04-028763-8	1008
7	978-9-02-748298-2	1005
8	978-1-05-948371-4	1009
9	978-6-42-769302-9	1005
10	978-5-21-195031-6	1009
11	978-3-16-434327-5	1010
12	978-4-33-058176-7	1005
13	978-6-55-438470-1	1008
14	978-2-04-423874-9	1007
15	978-8-43-423565-8	1009
16	978-3-54-068205-5	1012
17	978-3-16-148410-0	1010
18	978-7-24-039747-5	1001
19	978-9-41-082618-1	1011
20	978-2-52-852947-9	1009
21	978-6-91-682987-2	1008
22	978-1-04-028763-8	1002
23	978-9-02-748298-2	1006
24	978-1-05-948371-4	1008
25	978-6-42-769302-9	1006
26	978-5-21-195031-6	1008
27	978-3-16-434327-5	1001
28	978-4-33-058176-7	1010
29	978-6-55-438470-1	1002
30	978-2-04-423874-9	1011
31	978-8-43-423565-8	
32	978-3-54-068205-5	
33	978-7-24-039747-5	
34	978-9-02-748298-2	
35	978-6-42-769302-9	
36	978-3-16-434327-5	
37	978-9-02-748298-2	
38	978-6-42-769302-9	1013

COURSE_PREREQUISITES

	UNIQUE_CODE	PREREQUISITE_COURSE_CODE
1	ADV-APPLE-WORD	INTMED-APPLE-WORD
2	ADV-APPLE-WORD	INTRO-APPLE-WORD
3	ADV-INTERNET	INTRO-INTERNET
4	ADV-INTERNET	INTMED-JAVA
5	ADV-JAVA	INTMED-JAVA
6	ADV-MS-ACCESS	INTMED-MS-ACCESS
7	ADV-MS-ACCESS	INTMED-MS-EXCEL
8	ADV-MS-EXCEL	INTMED-MS-EXCEL
9	ADV-MS-PPT	INTMED-MS-PPT
10	ADV-MS-WORD	INTMED-MS-WORD
11	ADV-NOVELL-NETWORK	INTMED-NOVELL-NETWORK
12	ADV-PHOTOSHOP-MAC	INTMED-PHOTOSHOP-MAC
13	INTMED-APPLE-WORD	INTRO-APPLE-WORD
14	INTMED-JAVA	INTRO-JAVA
15	INTMED-MS-ACCESS	INTRO-MS-ACCESS
16	INTMED-MS-ACCESS	INTRO-WINDOWS
17	INTMED-MS-EXCEL	INTRO-MS-EXCEL
18	INTMED-MS-EXCEL	INTRO-WINDOWS
19	INTMED-MS-PPT	INTRO-MS-PPT
20	INTMED-MS-PPT	INTRO-WINDOWS
21	INTMED-MS-WORD	INTRO-MS-WORD
22	INTMED-MS-WORD	INTRO-WINDOWS
23	INTMED-NOVELL-NETWORK	INTRO-NOVELL-NETWORK
24	INTMED-NOVELL-NETWORK	INTRO-WINDOWS
25	INTMED-PHOTOSHOP-MAC	INTRO-PHOTOSHOP-MAC

COURSE_SOFTWARE

	A LINTOLIE CODE	A COETHARE TO
	UNIQUE_CODE	SOFTWARE_ID
	ADV-APPLE-WORD	APWORD01
		MSEXPL00
	ADV-INTERNET	SUNJAVA4
	ADV-JAVA	SUNJAVA4
	ADV-JAVA	MSEXPL00
		MSACCS00
	ADV-MS-EXCEL	MSEXCL00
	ADV-MS-PPT	MSPWRP00
		MSWORD00
	ADV-NOVELL-NETWORK	NVNETW60
	ADV-NOVELL-NETWORK	SUNJAVA4
12	ADV-PHOTOSHOP-MAC	ADPHOT50
13	INTMED-APPLE-WORD	APWORD01
14	INTMED-JAVA	SUNJAVA4
15	INTMED-JAVA	MSEXPL00
16	INTMED-MS-ACCESS	MSACCS00
17	INTMED-MS-EXCEL	MSEXCL00
18	INTMED-MS-PPT	MSPWRP00
19	INTMED-MS-WORD	MSWORD00
20	INTMED-NOVELL-NETWORK	NVNETW60
21	INTMED-PHOTOSHOP-MAC	ADPHOT50
22	INTRO-APPLE-WORD	APWORD01
23	INTRO-COMPUTING	CPUNOW50
24	INTRO-GRAPHICS	MSPAINT7
25	INTRO-JAVA	SUNJAVA4
26	INTRO-MAC	APMACOS7
27	INTRO-MS-ACCESS	MSACCS00
28	INTRO-MS-EXCEL	MSEXCL00
29	INTRO-MS-PPT	MSPWRP00
30	INTRO-MS-WORD	MSWORD00
31	INTRO-NOVELL-NETWORK	NVNETW60
32	INTRO-PHOTOSHOP-MAC	ADPHOT50
33	INTRO-INTERNET	MSEXPL00
34	INTRO-WINDOWS	MSWIND00

ENROLLMENT_REQUEST

	\$ ENROLLMENT_ID	REQUEST_DATE_TIME					CLIENT_NUMBER
1	ER234943	01-03-18 03:53:00.000000000	PM	e	250	10017	100033
2	ER234944	02-03-18 12:03:00.000000000	PM	e	100	10017	100032
3	ER234945	03-03-18 01:45:00.000000000	PM	e	200	10011	100016
4	ER234946	05-03-18 01:45:00.000000000	PM	e	100	10011	100015
5	ER234947	06-03-18 01:45:00.000000000	PM	e	250	10011	100014
6	ER234948	07-03-18 01:45:00.000000000	PM	e	100	10003	100023
7	ER234949	08-03-18 01:45:00.000000000	PM	e	200	10003	100024
8	ER234950	09-03-18 01:45:00.000000000	PM	e	200	10003	100025
9	ER234951	10-03-18 01:45:00.000000000	PM	e	100	10003	100008
10	ER234952	11-03-18 01:45:00.000000000	PM	e	250	10003	100005
11	ER234953	12-03-18 01:45:00.000000000	PM	w	0	10003	100007
12	ER234954	13-03-18 01:45:00.000000000	PM	W	0	10003	100026
13	ER234955	14-03-18 01:45:00.000000000	PM	w	0	10003	100027
14	ER234956	15-03-18 01:45:00.000000000	PM	e	150	10008	100008
15	ER234957	16-03-18 01:45:00.000000000	PM	e	100	10008	100005
16	ER234958	17-03-18 01:45:00.000000000	PM	e	200	10008	100007
17	ER234959	18-03-18 01:45:00.000000000	PM	e	250	10008	100006
18	ER234960	19-03-18 01:45:00.000000000	PM	e	200	10008	100016
19	ER234961	20-03-18 01:45:00.000000000	PM	e	100	10008	100015
20	ER234962	21-03-18 01:45:00.000000000	PM	w	0	10008	100014
21	ER234963	22-03-18 02:12:00.000000000	PM	w	0	10008	100033
22	ER234964	23-03-18 02:12:00.000000000	PM	W	0	10008	100032
23	ER234965	24-03-18 02:12:00.000000000	PM	e	100	10002	100002
24	ER234966	25-03-18 02:12:00.000000000	PM	e	150	10035	100003
25	ER234967	26-03-18 02:12:00.000000000	PM	e	200	10035	100028
26	ER234968	27-03-18 02:12:00.000000000	PM	e	200	10012	100017
27	ER234969	28-03-18 02:12:00.000000000	PM	e	150	10012	100034
28	ER234970	28-03-18 02:36:00.000000000	PM	e	250	10012	100035
29	ER234971	28-03-18 03:18:00.000000000	PM	e	150	10007	100004
30	ER234972	28-03-18 04:00:54.000000000	PM	e	100	10004	100022
31	ER234973	29-03-18 02:12:00.000000000	PM	e	200	10004	100021
32	ER234974	30-03-18 02:12:00.000000000	PM	e	250	10001	100018
33	ER234975	31-03-18 02:12:00.000000000	PM	e	100	10001	100001
34	ER234976	31-03-18 02:12:12.000000000	PM	e	200	10001	100019
35	ER234977	31-03-18 02:15:22.000000000	PM	e	150	10001	100020
36	ER234978	31-03-18 02:17:45.000000000	PM	e	200	10001	100017
37	ER234979	31-03-18 02:32:49.000000000	PM	W	0	10001	100034
38	ER234980	01-04-18 10:08:39.000000000	AM	W	0	10001	100035
39	ER234981	01-04-18 11:08:39.000000000	AM	W	0	10001	100004
40	ER234982	01-04-18 11:14:09.00000000	AM	e	250	10021	100029
41	ER234983	01-04-18 11:29:48.000000000	AM	e	100	10021	100030
42	ER234984	01-04-18 01:04:44.000000000	PM	e	200	10021	100031
43	ER234985	02-04-18 02:04:44.000000000	PM	e	150	10010	100009
44	ER234986	03-04-18 01:04:44.000000000	PM	e	200	10010	100010
45	ER234987	04-04-18 01:15:32.000000000	PM	e	200	10010	100013
46	ER234988	04-04-18 01:19:51.000000000	PM	e	100	10010	100012
47	ER234989	04-04-18 02:42:31.000000000	PM	e	150	10010	100011

HARDWARE

	♦ HARDWARE_ID	♦ HARDWARE_NAME		♦ OPERATING_SYSTEM
1	MAC	Macintosh	Apple Macintosh	macOSX
2	PC	IBM	International Business Machines	Linux

HARDWARE_SOFTWARE

	♦ HARDWARE_ID	\$ SOFTWARE_ID
1	MAC	APWORD01
2	PC	MSEXPL00
3	PC	SUNJAVA4
4	PC	MSACCS00
5	PC	MSEXCL00
6	PC	MSPWRP00
7	PC	MSWORD00
8	PC	NVNETW60
9	MAC	ADPHOT50
10	PC	CPUNOW50
11	PC	MSPAINT7
12	MAC	APMACOS7
13	PC	MSWIND00

MEMBERSHIP

1	G	gold	6 mo	350	50
2	S	silver	l year	300	25
3	В	bronze	l year	250	10
4	F	family	1 year	0	75

MEMBERSHIP_PURCHASE

		⊕ CLIENT_NUMBER	⊕ MEMBERSHIP_CODE	
1	1111	100001	В	250 15-MAY-18
2	1112	100002	В	250 20-MAY-15
3	1113	100002	S	300 20-MAY-13
4	1114	100002	G	350 20-MAY-10
5	1115	100003	В	225 10-OCT-15
6	1116	100004	S	300 15-DEC-16
7	1117	100004	G	350 15-DEC-07
8	1118	100005	G	325 06-MAR-12
9	1119	100006	В	250 19-MAY-10
10	1120	100006	G	350 19-MAY-18
11	1121	100006	S	300 19-MAY-12
12	1122	100007	G	350 04-MAR-10
13	1123	100008	В	200 15-MAY-13
14	1124	100009	S	300 16-JUN-18
15	1125	100010	S	300 21-NOV-12
16	1126	100011	G	350 09-OCT-07
17	1127	100011	S	300 01-OCT-08
18	1128	100013	S	300 08-AUG-12
19	1129	100014	G	350 06-OCT-12
20	1130	100015	S	300 16-JUN-18
21	1131	100015	S	300 17-JUN-12
22	1132	100015	S	300 18-JUN-13
23	1133	100016	S	300 12-MAY-13
24	1134	100017	S	300 12-MAY-04
25	1135	100017	S	300 12-MAY-15
26	1136	100042	G	350 06-MAY-12
27	1137	100019	G	355 05-0CT-12
28	1138	100020	G	350 21-SEP-18
	1139	100021	В	250 30-AUG-07
		100021	G	350 30-AUG-08
31	1141	100023	В	225 06-MAY-12
	1142	100024	G	350 14-APR-12
		100043	В	250 15-MAR-12
		100026	В	250 16-JUN-12
		100026	В	225 25-AUG-13
		100026	G _	350 24-SEP-04
		100027	В	225 22-MAY-12
		100028	S	300 22-MAY-13
39	1149	100029	В	350 02-FEB-12
40	1150	100030	В	250 17-MAR-13
41	1151	100031	S	275 18-JUL-12
42	1152	100032	S	275 15-APR-12
43	1153	100033	G	350 23-AUG-16
		100034	В	250 08-APR-18
45	1155	100035	S	280 25-DEC-13

ORDER_LINE

	ORDER_NUMBER			♦ PRICE_CHARGED
1	1000000002	978-3-16-148410-0	4	30
2	1000000004	978-7-24-039747-5	10	30
3	1000000008	978-9-41-082618-1	5	50
4	1000000008	978-2-52-852947-9	2	40
5	1000000008	978-6-91-682987-2	6	40
6	1000000008	978-1-04-028763-8	7	25
7	1000000007	978-9-02-748298-2	11	50
8	1000000007	978-1-05-948371-4	8	85
9	1000000005	978-9-41-082618-1	5	50
10	1000000005	978-6-91-682987-2	5	40
11	1000000006	978-3-16-434327-5	9	40
12	1000000001	978-4-33-058176-7	2	20
13	1000000001	978-2-52-852947-9	3	40
14	1000000001	978-3-54-068205-5	5	25
15	1000000003	978-2-04-423874-9	3	125
16	1000000003	978-8-43-423565-8	6	50

ORDERT

	♦ ORDER_NUMBER	♦ ORDER_DATE	♦ ORDER_STATUS	
1	1000000002	22-AUG-17	COMPLETE	1005
2	1000000004	10-JAN-18	COMPLETE	1010
3	1000000008	22-APR-18	COMPLETE	1008
4	1000000007	21-APR-18	COMPLETE	1013
5	1000000005	30-MAR-18	COMPLETE	1006
6	1000000006	10-APR-18	COMPLETE	1006
7	1000000001	15-AUG-17	COMPLETE	1007
8	1000000003	02-SEP-17	COMPLETE	1007

QUALIFICATION

		& EMPLOYEE_NUMBER	UNIQUE_CODE	DATE_OF_QUALIFICATION
1	Q577891	199111011	INTRO-MS-WORD	01-DEC-11
2	Q146613	199111011	INTRO-COMPUTING	12-DEC-11
3	Q232257	199111011	INTRO-MAC	12-DEC-11
4	Q231861	199111011	INTMED-MS-WORD	12-DEC-11
5	Q678676	199111011	INTMED-MS-EXCEL	14-JAN-12
6	Q709279	199111011	ADV-NOVELL-NETWORK	13-JAN-12
7	Q599323	199111011	INTRO-GRAPHICS	01-DEC-11
8	Q213713	199111011	ADV-MS-PPT	10-FEB-12
9	Q176667	199111011	ADV-APPLE-WORD	25-JAN-12
10	Q939541	199111011	INTMED-JAVA	10-FEB-12
11	Q281025	199111011	INTMED-MS-PPT	12-DEC-11
12	Q841026	199111011	ADV-JAVA	10-FEB-12
13	Q882990	199712151	INTRO-INTERNET	15-FEB-17
14	Q716081	199712151	INTRO-NOVELL-NETWORK	17-FEB-17
15	Q290912	199712151	INTMED-MS-WORD	16-FEB-17
16	Q826603	199712151	ADV-INTERNET	02-FEB-17
17	Q469198	199712151	ADV-NOVELL-NETWORK	30-JAN-17
18	Q866453	199712151	INTRO-GRAPHICS	09-JAN-17
19	Q786584	199712151	INTMED-PHOTOSHOP-MAC	14-FEB-17
20	Q876806	199712151	INTRO-MAC	30-JAN-17
21	Q616426	199712151	ADV-MS-EXCEL	09-JAN-17
22	Q438403	199712151	INTMED-MS-EXCEL	16-FEB-17
23	Q212686	199712151	INTRO-MS-EXCEL	10-MAR-17
24	Q351411	199712151	INTMED-JAVA	16-FEB-17
25	Q470088	199712151	INTRO-MS-WORD	09-JAN-17
	Q712781	199712151	ADV-JAVA	16-FEB-17
27	Q236381	199905101	INTMED-APPLE-WORD	25-JUN-16
28	Q890075	199905101	INTRO-APPLE-WORD	23-JUL-16
		199905101	ADV-MS-PPT	23-JUL-16
30	Q823203	199905101	INTRO-MS-PPT	23-JUL-16
31	Q645293	199905101	INTMED-PHOTOSHOP-MAC	01-JUL-16
				14-JUN-16
				03-AUG-16
				22-JUN-16
	_	199905101	INTRO-COMPUTING	23-JUL-16
	-	199905101	INTRO-WINDOWS	03-AUG-16
	_	199905101		14-AUG-16
	_	199905102	INTRO-JAVA	04-JUL-16
39	Q771823	199905102	INTRO-MS-EXCEL	14-AUG-16

40 Q118666	199905102	INTRO-MS-PPT	04-JUL-16
41 Q517999	199905102	INTRO-MS-ACCESS	23-JUL-16
42 Q137382	199905102	ADV-MS-ACCESS	25-JUN-16
43 Q139410	199905102	INTMED-MS-ACCESS	25-JUN-16
44 Q381166	199905102	ADV-MS-WORD	10-JUN-16
45 Q527655	199905102	INTMED-MS-PPT	06-AUG-16
46 Q553635	199905102	ADV-MS-EXCEL	13-JUN-16
47 Q871188	200001141	INTRO-MS-EXCEL	28-MAR-14
48 Q321020	200001141	ADV-MS-WORD	28-FEB-14
49 Q331447	200001141	INTRO-COMPUTING	28-FEB-14
50 Q883822	200001141	INTRO-INTERNET	26-FEB-14
51 Q647500	200001141	INTRO-MS-PPT	19-APR-14
52 Q880649	200001141	ADV-INTERNET	28-FEB-14
53 Q740480	200001141	INTRO-PHOTOSHOP-MAC	15-MAR-14
54 Q316935	200006121	INTRO-MS-EXCEL	03-AUG-14
55 Q691756	200006121	INTMED-MS-ACCESS	24-JUL-14
56 Q894498	200006121	INTRO-GRAPHICS	03-AUG-14
57 Q747081	200006121	ADV-PHOTOSHOP-MAC	04-AUG-14
58 Q489050	200006121	INTRO-MS-ACCESS	28-JUL-14
59 Q403728	200009291	INTRO-MS-ACCESS	07-NOV-14
60 Q214013	200009291	INTMED-MS-ACCESS	23-DEC-14
61 Q729441	200009291	ADV-APPLE-WORD	11-DEC-14
62 Q473431	200111011	INTRO-JAVA	19-DEC-15
63 Q173140	200111011	INTRO-NOVELL-NETWORK	17-DEC-15
64 Q667487	200111011	INTMED-NOVELL-NET	19-DEC-15
65 Q395552	200111011	ADV-NOVELL-NETWORK	04-JAN-12
66 Q792801	200111011	INTRO-MAC	17-DEC-15
67 Q347623	200111011	INTRO-WINDOWS	04-JAN-12
68 Q198330	200111051	ADV-MS-ACCESS	08-FEB-12
69 Q425008	200111051	INTMED-APPLE-WORD	20-DEC-15
70 Q573133	200111051	INTRO-PHOTOSHOP-MAC	06-JAN-12
71 Q429302	200111051	INTRO-WINDOWS	08-FEB-12
72 Q283629	200111051	INTRO-APPLE-WORD	16-DEC-15
73 Q708365	200112041	ADV-JAVA	25-JAN-12
74 Q645628	200112041	INTRO-NOVELL-NETWORK	19-JAN-12
75 Q286553	200112041	INTMED-NOVELL-NET	07-FEB-12
76 Q825453	200112041	ADV-NOVELL-NETWORK	25-JAN-12
77 Q625456	200112041	INTRO-JAVA	25-JAN-12
78 Q779124	200112041	INTMED-JAVA	25-JAN-12

SHIPMENT

	SHIPMENT_ID				♦ STREET1		CITY	♦ STATE	∯ ZIP	\$\text{\$\text{SHIPMENT_DATE}\$	
1	56	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	20-SEP-17	1005
2	66	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	11-OCT-17	1005
3	54	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	12-JAN-18	1010
4	53	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	24-APR-18	1008
5	101	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	25-APR-18	1008
6	95	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	26-APR-18	1008
7	98	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	28-APR-18	1008
8	61	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	25-APR-18	1013
9	65	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	02-APR-18	1006
10	76	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	12-APR-18	1006
11	71	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	18-AUG-17	1007
12	83	Northern Lights Technical	(NLT)	School	605 Garfield Lane	Administration	Pittsfield	MA	01201	01-SEP-17	1007

SHIPMENT_LINE

	\$ SHIPMENT_ID	COURSE_BOOK_ISBN	
1	56	978-3-16-148410-0	3
2	66	978-3-16-148410-0	1
3	54	978-7-24-039747-5	10
4	53	978-9-41-082618-1	3
5	53	978-2-52-852947-9	1
6	53	978-6-91-682987-2	2
7	53	978-1-04-028763-8	3
8	101	978-9-41-082618-1	1
	101	978-2-52-852947-9	1
	95	978-9-41-082618-1	1
11		978-6-91-682987-2	4
	98	978-1-04-028763-8	4
	61	978-9-02-748298-2	11
14		978-1-05-948371-4	8
	65	978-9-41-082618-1	5
	65	978-6-91-682987-2	5
	76	978-3-16-434327-5	9
	71	978-4-33-058176-7	2
	71	978-2-52-852947-9	2
	71	978-3-54-068205-5	2
	83	978-2-04-423874-9	2
22	83	978-8-43-423565-8	1

SOFTWARE

	\$ SOFTWARE_ID	SOFTWARE_NAME	SOFTWARE_PUBLISHER	NUMBER_OF_LICENSES
1	ADPHOT50	Adobe PhotoShop	Adobe	5
2	APWORD01	Apache Word War	Apache	20
3	MSACCS00	Microsoft Access 07	Microsoft	5
4	MSEXCL00	Microsoft Excel 03	Microsoft	35
5	MSEXPL00	Microsoft Excel 07	Microsoft	5
6	MSPAINT7	Microsoft Paint	Microsoft	15
7	MSPWRP00	Microsoft PowerPOint 07	Microsoft	5
8	MSWIND00	Microsoft Windows	Microsoft	5
9	MSWORD00	Microsoft Word 07	Microsoft	12
10	NVNETW60	Novell Netware 6.0	novell	5
11	SUNJAVA4	Sun Java 5.0	Sun	5
12	SNPFIR03	Snap Fire Photo	Snap Fire	25
13	APMACOS7	Microsoft Access	Microsoft	5
14	CPUNOW50	Adobe InDesign	Adobe	5

TRAINER

	EMPLOYEE_NUMBER			\$ LAST_NAME				STATE	∯ ZIP				
1	199111011	Bill	Henry	Williams	1288 Stearns Hill Ro	APT1	Waltham	MA	02451	857-272-7266	BW12@gmail.com	01-OCT-85	(null)
2	199712151	Brian	Matthew	Adams	1230 Stearns Hill Ro	APT2	Waltham	MA	02451	857-272-7267	BA12@gmail.com	14-MAR-14	(null)
3	199905101	Jack	Scott	Wagner	1422 Stearns Hill Ro	APT3c	Waltham	MA	02451	857-272-7268	JW12@gmail.com	21-APR-16	(null)
4	199905102	Jill	Marie	Pensing	1430 Stearns Hill Ro	APT5	Waltham	MA	02451	857-272-7269	JP12@gmail.com	11-NOV-16	(null)
5	200001141	Chuck	David	Black	7628 Stearns Hill Ro	APT6	Waltham	MA	02451	857-272-7270	CB12@gmail.com	16-NOV-16	(null)
6	200006121	Tim	Jackson	Heberle	4412 Stearns Hill Ro	APT9	Waltham	MA	02451	857-272-7271	TH12@gmail.com	23-FEB-17	(null)
7	200009291	Bob	William	Bertig	4413 Stearns Hill Ro	APT1	Waltham	MA	02451	857-272-7272	BB12@gmail.com	26-MAR-17	04-NOV-19
8	200111011	Debbie	Louise	Beverly	1292 Stearns Hill Ro	APT2	Waltham	MA	02451	857-272-7273	DB12@gmail.com	11-MAY-18	(null)
9	200111051	Tammy	Megan	Locum	1298 Stearns Hill Ro	APT1c	Waltham	MA	02451	857-272-7274	TL12@gmail.com	12-JUN-19	(null)
10	200112041	Joan	Elizabeth	Wendel	1293 Stearns Hill Ro	APT1b	Waltham	MA	02451	857-272-7275	JW12@gmail.com	01-NOV-19	(null)
11	200112155	Cleo	Ann	Patra	1210 Stearns Hill Ro	APT5	Waltham	MA	02451	857-272-7276	CP12@gmail.com	05-NOV-19	(null)

VENDOR

			L	1 -	1 -	1 -	1 -	L
			\$ STREET1		∯ CITY	STATE	∯ ZIP	♦ PHONE_NUMBER
1	1005	Amazon	458 Web St.	Suite 1	New York	NY	02545	212-569-2323
2	1002	Bills Bookstore	4525 Pine St.	Unit 22	Brandon	FL	33525	813-925-3225
3	1010	Bookies	12 N. 1st Ave.	Unit 3	Las Vegas	NV	54657	545-985-7858
4	1001	Books 'R Us	950 W. Fletcher Ave.	Floor 4	Tampa	FL	33618	813-968-2546
5	1008	Capital Books	1542 Monroe St.	Unit 12	Tallahassee	FL	33263	850-458-6523
6	1013	Cyberworld Books	9999 Park Ave.	Suite 5	Miami	FL	33277	213-562-5852
7	1006	Dearborn	1254 Millden Rd.	Suit 2	Atlanta	GA	02345	545-659-9865
8	1007	Hasbro	989 Bearss Ave.	Floor 8	Tampa	FL	33620	813-960-3252
9	1003	Mathy Books	584 N. Sparrow Rd.	Building #2	Palm Beach	FL	33265	561-585-2365
10	1011	One Stop Book Shop	546 Sedgewick Cir.	Suite 3	Tampa	FL	33613	813-269-7458
11	1004	Readers Palace	12545 Sears Ave.	Bldg. #4	Chicago	IL	25896	305-659-8745
12	1012	Steve's Books	4151 Palm St.	Floor 3	St. Petersburg	FL	33856	727-252-4545
13	1009	Troyka	2356 E. Square	Floor 7	Miami	FL	33275	213-589-8752