

# FINAL PROJESİ / ABDULLAH BOZLAĞAN

- Projede Z'li 2 adet tablo oluşturulacaktır. Bu tabloların biri header biri item tablosu olacak.

Header Tablom :

**Dictionary: Display Table**

Transparent Table: ZAB\_BILL\_THEAD Active  
Short Description: Fatura Tablosu H

Attributes Delivery and Maintenance Fields Input Help/Check Currency/Quantity Fields Indexes

1 / 13

Field	Key	Ini...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MANDT	CLNT	3	0		0 Client
AB_FATURA_ID1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ZAB_FATURA_ID_D...	INT2	5	0		0 SALES DOCUMENT NUMBER
AB_FATURA_TURU	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_FATURA_TURU...	CHAR	4	0		0 Invoice Type
AB_SIRKET_KODU	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_SIRKET_KODU...	CHAR	4	0		0 Company Code
AB_SIRKET_ADI	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_SIRKET_ADI...	CHAR	40	0		0 Company name
AB_VERGI_BILGISI	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_VERGI_BILGI...	CHAR	10	0		0 Tax Information
AB_ADRES_BILGISI	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_ADRES_BILGI...	CHAR	50	0		0 Address information
AB_SATIS_ORG	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_SATIS_ORG_DE	CHAR	4	0		0 Sales Organization
AB_DAGITIM_KANA...	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_DAGITIM_KAN...	CHAR	2	0		0 Distribution channel
AB_DAGITIM_YERI	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_DAGITIM_YER...	CHAR	6	0		0 Distribution Place
AB_ODEME_KOSULL...	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_ODEME_KOSUL...	CHAR	4	0		0 Terms of payment
AB_FATURALAMA_T...	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_FATURA_TARI...	DATS	8	0		0 Billing Date
AB_TESLIMAT_TAR...	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_TESLIM_TARI...	DATS	8	0		0 Delivery date

Item Tablom :

**Dictionary: Display Table**

Transparent Table: ZAB\_BILL\_ITEM Active  
Short Description: Fatura Tablosu I

Attributes Delivery and Maintenance Fields Input Help/Check Currency/Quantity Fields Indexes

1 / 11

Field	Key	Ini...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MANDT	CLNT	3	0		0 Client
AB_FATURA_ID1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ZAB_FATURA_ID_D...	INT2	5	0		0 SALES DOCUMENT NUMBER
AB_FATURALANAN...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ZAB_FATURALANAN...	CHAR	6	0		0 Product Number
AB_URUN_ADI1	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_URUN_ADI_DE	CHAR	20	0		0 Product Name
AB_URUN_SAYISI	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_URUN_SAYISI...	CHAR	4	0		0 Product Quantity
AB_URUN_SATIS_B...	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_URUN_SATIS...	CHAR	3	0		0 Sales Unit
AB_NET_FIYATI	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_NET_FIYATI...	CHAR	11	0		0 Net Price
AB_VERGI_TOPLAMI	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_VERGI_TOPLA...	CHAR	10	0		0 Total Tax
AB_INDIRIM_MIKI...	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_INDIRIM_MIK...	CHAR	10	0		0 Discount Amount
AB_SATIS_PARA_B...	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_SATIS_PARA...	CHAR	5	0		0 Sales Currency
AB_URUN_ACIKLAM...	<input type="checkbox"/>	<input type="checkbox"/>	ZAB_URUN_ACIKLA...	CHAR	60	0		0 Product Description

Tabloların tüm dil bakımları yapılmış durumdadır.

- Selection Screen ekranı tasarlanacaktır. Ekranda Tab Panel oluşturulacak.

1. Tabta - Sizin oluşturduğunuz 2 adet Z'li tablonun key alanları yer alacaktır.


**Program ZTYU**

Örnek Excel Şablonu

Header Ve Item Tablosundan Veri Çek Excel Dosyası Oku

Header Ve Item Tablosundan Veri Oku

☐ Invoice Info ☒ Invoice Detail Info

Invoice ID  to  

Material ID  Char aldığı için select options kullanmadım

Oku Ve Al'Ve Göster

Burada ekstradan sadece header tablosundan da okuma yapabilmesi amacıyla Dinamik bir ekran tasarımı yaptım, böylelikle kişi isterse hem Header(Invoice Info) hem de Header ve Item tablosunun birleşimini(Invoice Detail Info) ALV tablosunda görebilecek şekilde bir kurgu yapmış oldum. Farklı bir case için bu tarz Dinamik ekran yapıları kullanıcı deneyimi açısından daha anlaşılır olacağını düşünerek böyle bir kod tasarımı yaptım.


**Program ZTYU**

Örnek Excel Şablonu

Header Ve Item Tablosundan Veri Çek Excel Dosyası Oku

Header Ve Item Tablosundan Veri Oku

☒ Invoice Info ☐ Invoice Detail Info

Invoice ID  to  

Oku Ve Al'Ve Göster

2. Tabta - File upload alanı olacaktır.

**Program ZTYU**

Örnek Excel Şablonu

Header Ve Item Tablosundan Veri Çek Excel Dosyası Oku

Okunacak Excel Dosyasını Seç

File name

Excel Verisini Tabloya Aktarma

Excel Verisini Tabloda Göster

- Eğer birinci tab'daki alanlar dolu ise program rapor şeklinde çalışıp birinci tab'daki girilen değerlere göre Z'li tablolarınızdan veriyi çekerek ekrandaki ALV raporda gösterilecektir.

#### Senaryo 1:

Öncelikle Header ve Item tablomuzdan birleştirilmiş(Join) 1 ile 10 arasındaki ID'li verileri ALV ekranına basalım,

**Program ZTYU**

Örnek Excel Şablonu

Header Ve Item Tablosundan Veri Çek Excel Dosyası Oku

Header Ve Item Tablosundan Veri Oku

☐ Invoice Info ☒ Invoice Detail Info

Invoice ID  to

Material ID

Oku Ve Alı'de Göster

**Information**

Fatura Detay Tablosunda İlgili Faturaların Id'sine:  
Alt: Tüm Ürünlerin Bilgileri Getiriliyor.

Ekran görüntüsü görünmüyorsa yakınlaştırmak bakabilirsiniz,

**Program ZTYU**

Kullanıcı : B\_ABDULLAH  
Program Adı : ZTYU  
Sistem Saati : 01:43:36  
Toplam Kayıt Sayısı : 20

**Fatura Ve Fatura Detay Tablolarının Birleşmiş Hali**

Invoice ID	Invoice Type	Company	Company na	Tax Inform	Address in	Sales Or	Distri Cha	Distri Pla	Terms	Billing Date	Delivery date	Product Nu	Product Name	Product Qu	Sales Unit	Net Price	Total Tax	Discount A	Sales Curr	Product Description
2	HVH	59Z8	Oozz	Kdv	277 Veith Drive	M9H7	99	US	visa	12/02/2096	04/27/2087									
3	YWU	77D2	Aive	Kdv	849 4th Circle	BsE8	94	ET	lase	10/09/1932	08/30/2044									
4	ZLQ	82Ez	Skipstorm	Kdv	296 Chinook Trail	EdL8	74	US	dine	09/31/1918	05/02/2074									
5	BMK	61Xi	Tagfeed	Kdv	8509 Thompson ...	Pfn2	35	US	mast	09/05/2023	12/20/1902									
6	IUV	59Fi	Thoughtst...	Kdv	5675 Longview D...	V2v0	14	SB	chn	12/08/2046	12/09/1948									
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	16MA	ADVENTURE	540	SBN	70,567	94,11	13,51	PHP	Leakage of ventricular...
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	25UX	PAPER MAN	34	ARI	30,44	80,84	95,50	CHY	Complete loss of teet...
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	45NA	WHAT HAPP...	371	PEZ	81,155	23,52	23,52	PHP	Puncture wound with...
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	64DA	MADAME SIN	614	LHO	28,733	74,49	77,28	MYR	Ped on rol-skt inj pick...
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	66EQ	LOOP THE L	145	BGC	91,016	33,71	98,15	USD	Gonorrhea compl preg...
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	69HS	LOVES OF P	194	OAK	40,735	73,65	54,24	BAM	Unspecified sprain of ri...
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	69QG	THE... BEAU	988	PAG	24,078	29,11	29,11	CZK	Oth farm location as pl...
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	53TL	WILLIAM SH	850	VLR	89,024	46,31	34,86	EUR	Disorders of visual cort...
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	HYL4	Shot n the ...	808	Ce7	87,857	42,21	94,24	EUR	Assault by paintbal gu...
8	BSG	21OH	Buzzster	Kdv	8 Shasta Circle	MSP0	17	PH	visa	03/21/2080	11/31/2059	Zgx0	Jeeppers Cree...	133	nha	72,243	43,76	86,58	MGA	Diabetes due to undrli...
9	JZY	41VF	Realcube	Kdv	1 Badeau Trail	XkT5	86	GB	jcb	05/08/2015	11/26/2060	HpP3	Bambi 2	580	TH2	21,15	30,06	42,41	EUR	Typhus fever, unspecd...
10	HOV	44ZO	Wikivu	Kdv	1 South Park	DIC6	97	IN	jcb	04/06/1944	03/30/1940	30J7	Runaway Bran	649	qnn	4,179	17,93	23,05	IDR	Despi oblique fx shaft o...
1	KTG	WIOK	Yacero	Kdv	44 Kildeer Lane	DNBC	ID	FR	JCB	11/08/2090	08/31/1993	9324	WAKE UP, R	191	CEV	38,467	19,11	28,18	SEK	Complete lesson at TL...
1	KTG	WIOK	Yacero	Kdv	44 Kildeer Lane	DNBC	ID	FR	JCB	11/08/2090	08/31/1993	94WZ	IMPUDENT G	443	MED	57,551	90,67	47,23	BRL	Opioid use, unsp w int...
1	KTG	WIOK	Yacero	Kdv	44 Kildeer Lane	DNBC	ID	FR	JCB	11/08/2090	08/31/1993	DENZ	DENEME	1542	142	412412	124	412	NERSE	DENEME DENEME DEN...

Bu senaryoda Header Ve Item Verilerini Kontrol edelim,

**ZAB\_BILL\_THEAD: Display of Entries Found**

Search in Table: ZAB\_BILL\_THEAD Fatura Tablosu H

Number of Hits: 100

Runtime: 0 Maximum No. of Hits: 500

Insert Column:

Invoice ID	Invoice Ty	Company Co	Company na	Tax Inform	Address information	Sales Orgs	Distri Cha	Distri Pla	Terms of p	Billing Date	Delivery date
1	KTG	WIOK	Yacero	Kdv	44 Kildeer Lane	DNBC	ID	FR	JCB	11/08/2090	08/31/1993
2	HVH	59Z8	Oozz	Kdv	277 Veith Drive	M9H7	99	US	visa	12/02/2096	04/27/2087
3	YWU	77D2	Aive	Kdv	849 4th Circle	BsE8	94	ET	lase	10/09/1932	08/30/2044
4	ZLQ	82Ez	Skipstorm	Kdv	296 Chinook Trail	EdL8	74	US	dine	09/31/1918	05/02/2074
5	BMK	61Xi	Tagfeed	Kdv	8509 Thompson Hill	Pfn2	35	US	mast	09/05/2023	12/20/1902
6	IUV	59Fi	Thoughtstorm	Kdv	5675 Longview Drive	V2v0	14	SB	chn	12/08/2046	12/09/1948
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047
8	BSG	21OH	Buzzster	Kdv	8 Shasta Circle	MSP0	17	PH	visa	03/21/2080	11/31/2059
9	JZY	41VF	Realcube	Kdv	1 Badeau Trail	XkT5	86	GB	jcb	05/08/2015	11/26/2060
10	HOV	44ZO	Wikivu	Kdv	1 South Park	DIC6	97	IN	jcb	04/06/1944	03/30/1940
11	KEO	06Rt	Yata	Kdv	58 Novick Plaza	SRy4	64	AR	chn	10/18/1956	12/04/2067
12	BVD	98KM	Vidoo	Kdv	2 Sullivan Place	A8v2	80	AU	visa	07/30/2021	11/30/1981
13	HYO	61An	Dhavu1	Kdv	093 Chinook Street	Lk44	14	US	jcb	11/31/1924	07/22/1909
14	SAR	14KN	Aimbo	Kdv	7 Scott Park	Ik14	42	BF	bank	09/31/2042	12/13/2032
15	TRW	06X1	Centidel	Kdv	89264 7th Way	CYT3	75	CN	solo	10/02/1985	06/17/1949
16	ZVJT	SDVU	BROWSETYPE	KDV	22 CARIOCA CENTER	IT5L	EU	EU	MAES	04/30/8375	03/02/8049
17	ZPIT	DNRR	MIBOO	OTV	12 WESTPORT TRAIL	H3MT	NA	NA	MAST	10/17/6902	03/02/8049
18	RXF	52VX	Lazy	Kdv	93 Mayfield Court	OS14	55	CA	jcb	10/24/2014	12/07/2083
19	FZJ	00Fb	Trilith	Kdv	29532 Lillian Avenue	MTW9	59	IN	inst	05/30/1950	08/31/2091
20	KML	00SF	Thoughtblab	Kdv	1366 Maple Street	JZm7	67	BO	swit	10/31/1958	12/07/1984

**ZAB\_BILL\_TITEM: Display of Entries Found**

Search in Table: ZAB\_BILL\_TITEM Fatura Tablosu I  
Number of Hits: 188  
Runtime: 0 Maximum No. of Hits: 500

Insert Column: [ ]

Invoice ID	Product No	Product Name	Product Qu	Sales Unit	Net Price	Total Tax	Discount A	Sales Cur	Product Description
1	93Z4	WAKE UP, RON BURGUND	191	CEV	38,467	19,11	28,18	SEK	Complete lesion at T11-T12 level of thoracic spina
	94WZ	IMPUDENT GIRL (L'EFF	443	MED	57,551	90,67	47,23	BRL	Opioid use, unsp w intoxication with perceptual di
	DENZ	DENEME	1542	142	412412	124	412	NERSE	DENEME DENEME DENEME DENEME
7	16MA	ADVENTURES OF MARK T	540	SBN	70,567	94,11	13,51	PHP	Leakage of ventricular intracranial shunt, init
	25UX	PAPER MAN	34	ARI	30,44	80,84	95,50	CNY	Complete loss of teeth due to trauma, unspecified
	45NA	WHAT HAPPENED WAS...	371	PEZ	81,155	23,52	23,52	PHP	Puncture wound with foreign body of right hand, in
	53TL	WILLIAM SHAKESPEARE'	850	VLR	89,024	46,31	34,86	EUR	Disorders of visual cortex
	64DA	MADAME SIN	814	LHO	28,733	74,49	77,28	MYR	Ped on rol-skt inj pick-up truck, pk-up/van in tr
	66EQ	LOOP THE LOOP (UP AN	145	BGC	91,016	33,71	98,15	USD	Gonorrhea compl preg/chldbrth
	69HS	LOVES OF PHARAOH, TH	194	OAK	40,735	73,65	54,24	BAM	Unspecified sprain of right great toe
	69QG	THE... BEAUTIFUL COU	988	PAG	24,078	29,11	29,11	CZK	Oth farm location as place
	HYL4	Shot in the Heart	808	Ce7	87,857	42,21	94,24	EUR	Assault by paintball gun discharge
8	Zgx0	Jeepers Creepers	133	nha	72,243	43,76	86,58	MGA	Diabetes due to undrl condition w oth diabetic opt
9	HzP3	Bambi 2	580	TH2	21,15	30,06	42,41	EUR	Typhus fever, unspecified
10	J9J7	Runaway Brain	649	qxq	4,179	17,93	23,05	IDR	Displ oblique fx shaft of unsp fibula, 7thD
11	MD2	Film ist a Girl & a	945	SUn	43,808	40,96	66,99	SEK	Unsp inj extensor musc/fasc/tend thmb at wrs/hnd l
12	L8b4	Paradox	111	SIR	30,405	24,43	87,66	CNY	Nondisp spiral fx shaft of unsp femr, 7thF
13	Qzf3	Late George Apley, T	235	jRW	30,266	91,62	51,28	CNY	Partial traum amp of right shldr/up arm, level uns
14	YZA3	Slaves of New York	787	LVP	45,052	51,22	85,95	EUR	Lacerat musc/fasc/tend long hd bicep, left arm, se

## Senaryo 2:

Header tablomuzdan birleştirilmiş 1 ile 10 arasındaki ID'li verileri ALV ekranına basalım,

**Program ZTYU**

Örnek Excel Şablonu

Header Ve Item Tablosundan Veri Çek Excel Dosyası Oku

Header Ve Item Tablosundan Veri Oku

☒ Invoice Info ☐ Invoice Detail Info

Invoice ID: 1 to 10

Oku Ve ALV'de Göster

Information

Fatura Genel Bilgiler Tablosuna Ait Fatura ID'ye Göre İlgili Faturalar Getiriliyor.

# Program ZTYU



## Fatura Header Tablosu

Kullanici : B\_ABDULLAHB  
Program Adı : ZTYU  
Sistem Saati : 01:52:09  
Toplam Kayıt : 10

* Invoice ID	Invoice Type	Company Co	Company na	Tax Information	Address information	Sales Organization	Distribution channel	Distribution Place	Terms of payment	Billing Date	Delivery date
1	KTG	WIOK	Yacero	Kdv	44 Killdeer Lane	DNBC	ID	FR	JCB	11/08/2090	08/31/1993
2	HVH	59Z8	Oozz	Kdv	277 Veith Drive	M9H7	99	US	visa	12/02/2096	04/27/2087
3	YWU	77D2	Aive	Kdv	849 4th Circle	BsE8	94	ET	lase	10/09/1932	08/30/2044
4	ZLQ	82Ez	Skipstorm	Kdv	296 Chinook Trail	EdL8	74	US	dine	09/31/1918	05/02/2074
5	BMK	61Xi	Tagfeed	Kdv	8509 Thompson Hill	Pfn2	35	US	mast	09/05/2023	12/20/1902
6	IUW	59Fi	Thoughtstorm	Kdv	5675 Longview Drive	V2v0	14	SB	chin	12/08/2046	12/09/1948
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047
8	BSG	21OH	Buzzster	Kdv	8 Shasta Circle	MSP0	17	PH	visa	03/21/2080	11/31/2059
9	JZY	41VF	Realcube	Kdv	1 Badeau Trail	XkT5	86	GB	jcb	05/08/2015	11/26/2060
10	HOV	44ZO	Wikivu	Kdv	1 South Park	DIC6	97	IN	jcb	04/06/1944	03/30/1940

## ZAB\_BILL\_THEAD: Display of Entries Found



Search in Table: ZAB\_BILL\_THEAD Fatura Tablosu H  
Number of Hits: 100  
Runtime: 0 Maximum No. of Hits: 500

Insert Column

* Invoice ID	Invoice Ty	Company Co	Company na	Tax Inform	Address information	Sales Orga	Distri Cha	Distri Pla	Terms of p	Billing Date	Delivery date
1	KTG	WIOK	Yacero	Kdv	44 Killdeer Lane	DNBC	ID	FR	JCB	11/08/2090	08/31/1993
2	HVH	59Z8	Oozz	Kdv	277 Veith Drive	M9H7	99	US	visa	12/02/2096	04/27/2087
3	YWU	77D2	Aive	Kdv	849 4th Circle	BsE8	94	ET	lase	10/09/1932	08/30/2044
4	ZLQ	82Ez	Skipstorm	Kdv	296 Chinook Trail	EdL8	74	US	dine	09/31/1918	05/02/2074
5	BMK	61Xi	Tagfeed	Kdv	8509 Thompson Hill	Pfn2	35	US	mast	09/05/2023	12/20/1902
6	IUW	59Fi	Thoughtstorm	Kdv	5675 Longview Drive	V2v0	14	SB	chin	12/08/2046	12/09/1948
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047
8	BSG	21OH	Buzzster	Kdv	8 Shasta Circle	MSP0	17	PH	visa	03/21/2080	11/31/2059
9	JZY	41VF	Realcube	Kdv	1 Badeau Trail	XkT5	86	GB	jcb	05/08/2015	11/26/2060
10	HOV	44ZO	Wikivu	Kdv	1 South Park	DIC6	97	IN	jcb	04/06/1944	03/30/1940
11	KEO	06Rt	Yata	Kdv	58 Novick Plaza	SRy4	64	AR	chin	10/18/1956	12/04/2067
12	BVD	98KM	Vidoo	Kdv	2 Sullivan Place	A8v2	80	AU	visa	07/30/2021	11/30/1981
13	HYO	61An	Divavu1	Kdv	093 Chinook Street	Lk44	14	US	jcb	11/31/1924	07/22/1909
14	SAR	14KN	Aimbo	Kdv	7 Scott Park	Ik14	42	BF	bank	09/31/2042	12/13/2032
15	TRW	06X1	Centidel	Kdv	89264 7th Way	CYT3	75	CN	solo	10/02/1985	06/17/1949
16	ZVJT	SDVU	BROWSETYPE	KDV	22 CARIOCA CENTER	IT5L	EU	EU	MAES	04/30/8375	03/02/8049
17	ZPIT	DNRR	MIBOO	OTV	12 WESTPORT TRAIL	H3MT	NA	NA	MAST	10/17/6902	03/02/8049
18	RXF	52VX	Lazzy	Kdv	93 Mayfield Court	O514	55	CA	jcb	10/24/2014	12/07/2083
19	FZJ	00Fb	Trilith	Kdv	29532 Lillian Avenue	MTW9	59	IN	inst	05/30/1950	08/31/2091
20	KML	00SF	Thoughtblab	Kdv	1366 Maple Street	J2m7	67	BO	swit	10/31/1958	12/07/1984

### Senaryo 3:

Tüm verileri joinlenmiş bir şekilde çekmek için hiçbir parametreye giriş yapmıyoruz.


**Program ZTYU**

Örnek Excel Şablonu

Header Ve Item Tablosundan Veri Çek Excel Dosyası Oku

Header Ve Item Tablosundan Veri Oku

☒ Invoice Info ☐ Invoice Detail Info

Invoice ID  to  

**Oku Ve Alın'da Göster**

**Information**

**Key Alan Seçimi Yapmadınız Fatura Tablosunda**

İlgili Faturalar Ve Faturalara Bağlı Tüm Ürünlerin Bilgileri Getiriliyor.

Program ZTYU

Fatura Ve Fatura Detay Tablolarının Birleşmiş Hali

Kullanıcı : B\_ABDULLAH  
Program Adı : ZTYU  
Sistem Saati : 01:54:28  
Toplam Kayıt Sayısı : 193

Invoice ID	Invoice Type	Company Co	Company na	Tax Information	Address information	Sales Organization	Distribution channel	Distribution Place	Terms of payment	Billing Date	Delivery date	Product Number	Product Name	Product Quantity	Sales Unit	Net Price	Total Tax	Discou
2	WHN	592B	Osaz	Kdv	277 14th Drive	HM07	99	US	via	12/02/2096	04/27/2087							
3	YVU	77D2	Alve	Kdv	849 4th Circle	BE8	94	ET	ise	10/09/1932	08/30/2044							
4	ZLQ	82Ez	Skipstorm	Kdv	296 Chinook Trail	EdL8	74	US	dine	09/31/1918	05/02/2074							
5	BMK	61Xj	Tagfeed	Kdv	8509 Thompson Hill	Pfn2	35	US	mast	09/05/2023	12/20/1902							
6	IJW	59Rf	Thoughtstorm	Kdv	5675 Longview Drive	V2v0	14	SB	chin	12/08/2046	12/09/1948							
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	16MA	ADVENTURE...	540	SBN	70,567	94,11	13,51
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	HYL4	Shot in the...	808	Cu7	87,857	42,21	94,24
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	25UX	PAPER MAN	34	ARI	30,44	80,84	95,50
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	45NA	WHAT HAPP...	371	PEZ	81,155	23,52	23,52
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	6HDA	MADAME SIN	814	LHO	28,733	74,49	77,28
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	66EQ	LOOP THE L...	145	RSC	91,016	33,71	98,15
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	69HS	LOVES OF P...	194	OAK	40,735	73,65	54,24
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	69QG	THE... BEAU	988	PAG	24,078	29,11	29,11
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	53TL	WILLIAM SH	850	VLR	89,024	46,31	34,86
8	B5G	21OH	Buzster	Kdv	8 Shasta Circle	HSP9	17	PH	visa	03/21/2080	11/21/2059	22p0	Jeepsers Cree	113	nra	72,243	43,76	86,50
9	I2Y	41VF	Realcube	Kdv	1 Badeau Trail	XkT5	86	GB	kcb	05/08/2015	11/26/2060	Hp3	Bambi 2	580	TH2	21,15	30,06	42,41
10	HOV	44Z0	Wlknw	Kdv	1 South Park	D0C6	97	IN	jcb	04/06/1944	03/30/1940	J9J7	Runaway Bran	649	qxm	4,179	17,93	23,05
11	KED	06Rt	Yata	Kdv	58 Novick Plaza	S8y4	64	AR	chin	10/18/1556	12/04/2067	MJ2	Film ist a Grl	945	SUN	43,808	40,96	66,99
12	BVD	98OM	Vidoo	Kdv	2 Sullivan Place	A8v2	80	AU	visa	07/30/2021	11/30/1981	L84	Paradox	111	SR	30,405	24,43	87,66
13	HYD	61Ai	Dnawu1	Kdv	093 Chinook Street	Lk44	14	US	jcb	11/31/1924	07/22/1909	Qf9	Like George	225	JRW	30,266	91,62	51,28
14	SAR	14KN	Ambo	Kdv	7 Scott Park	Jk14	42	BF	bank	09/31/2042	12/13/2032	Y2A3	Slaves of Ne...	787	LVP	45,052	51,22	85,95
15	TRW	06Xl	Centdel	Kdv	89264 7th Way	CYT3	75	CH	solo	10/02/1985	06/17/1949	Q1u4	Hedwig and	116	GQX	78,832	87,27	50,84
15	TRW	06Xl	Centdel	Kdv	89264 7th Way	CYT3	75	CH	solo	10/02/1985	06/17/1949	79RP	SHADES OF	360	IVF	93,943	82,40	04,25
16	ZUT	50VU	BROWSETYPE	KDV	22 CARDOCA CENTER	ITSL	EU	MAES	04/30/8375	03/02/8049	99U5	REAL BLOND...	9	CUB	97,284	86,63	61,48	
17	ZPT	0MB8	WBOO	OTV	12 WESTPORT TRAIL	H0MT	NA	MAST	10/17/6902	03/02/8049	65K2	HAMMA ROMA	274	FCB	99,239	56,67	58,06	
18	RXF	52VX	Lazzy	Kdv	93 Mayfield Court	0514	55	CA	jcb	10/24/2014	12/07/2083	81B0	MATCH FAC	90	CVI	48,917	84,60	82,23
18	RXF	52VX	Lazzy	Kdv	93 Mayfield Court	0514	55	CA	jcb	10/24/2014	12/07/2083	FGu4	Panic Room	345	Q1e	98,38	56,54	39,94
19	FZJ	00Fb	Trlth	Kdv	29532 Lilan Avenue	MTW9	59	IN	inst	05/30/1950	08/31/2091	08R9	Mighty Quinn	960	mst	12,402	94,04	88,43
19	FZJ	00Fb	Trlth	Kdv	29532 Lilan Avenue	MTW9	59	IN	inst	05/30/1950	08/31/2091	82C7	PIANO TEAC	337	DMR	12,169	12,06	81,79
20	KMI	00Ff	Thounhthab	Kdv	1766 Maple Street	17m7	67	RO	swt	10/31/1958	12/07/1984	Pa75	Rowen The	798	cdh	73,588	77,58	29,11

## Senaryo 4:

Header ve Item tablomuzdan birleştirilmiş(Join) 1 ile 10 arasındaki ID'li verilerden içerisinde malzeme no'su 45NA olan veriyi ALV ekranına basalım,


**Program ZTYU**

Örnek Excel Şablonu

Header Ve Item Tablosundan Veri Çek   Excel Dosyası Oku

Header Ve Item Tablosundan Veri Oku

☐ Invoice Info   ☒ Invoice Detail Info

Invoice ID  to  



Material ID

**Oku Ve ALV'de Göster**

**Information**

Fatura Detay Tablosunda İlgili Faturaların Id'sine:

Alt Malzeme No bilgisine Göre Detay Bilgileri Getiriliyor.

**Program ZTYU**

Fatura Ve Fatura Detay Tablolarının Birleşmiş Hali

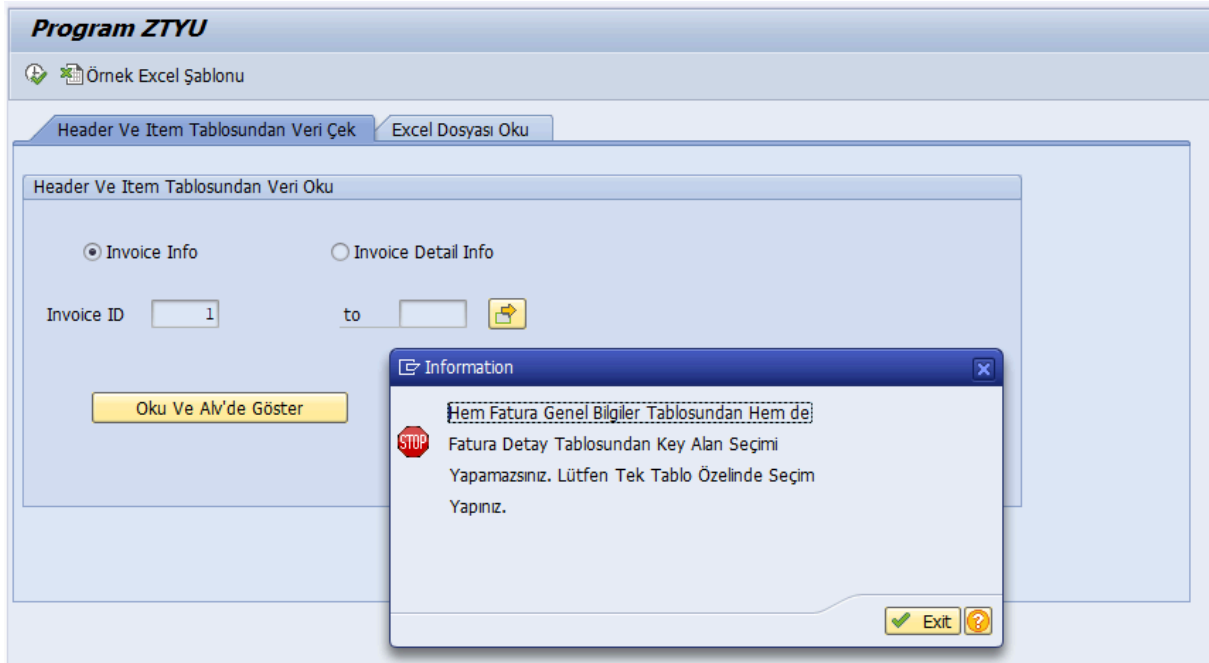
Kullanıcı : B.ABDULLAH B  
Program Adı : ZTYU  
Sistem No: 45  
Toplam Kayıt Sayısı : 1

Invoice ID	Invoice...	Company Co	Company na	Tax Info...	Address in	Sales Orga	Distri Cha	Distri Pla	Terms of p	Biling Date	Delivery date	Product Number	Product Name	Product Qu	Sales Unit	Net Price	Total Tax	Discount Amount	Sales Currency	Product Description
7	IN	LYN	Rhyzo	Kdv	B27 Hanson ...	120	RS	ID	SOLO	10/30/1925	05/23/2047	45NA	WHAT HAPP...	371	PEZ	81,155	23,52	23,52	PHP	Puncture wound with fo...



### Senaryo 5:

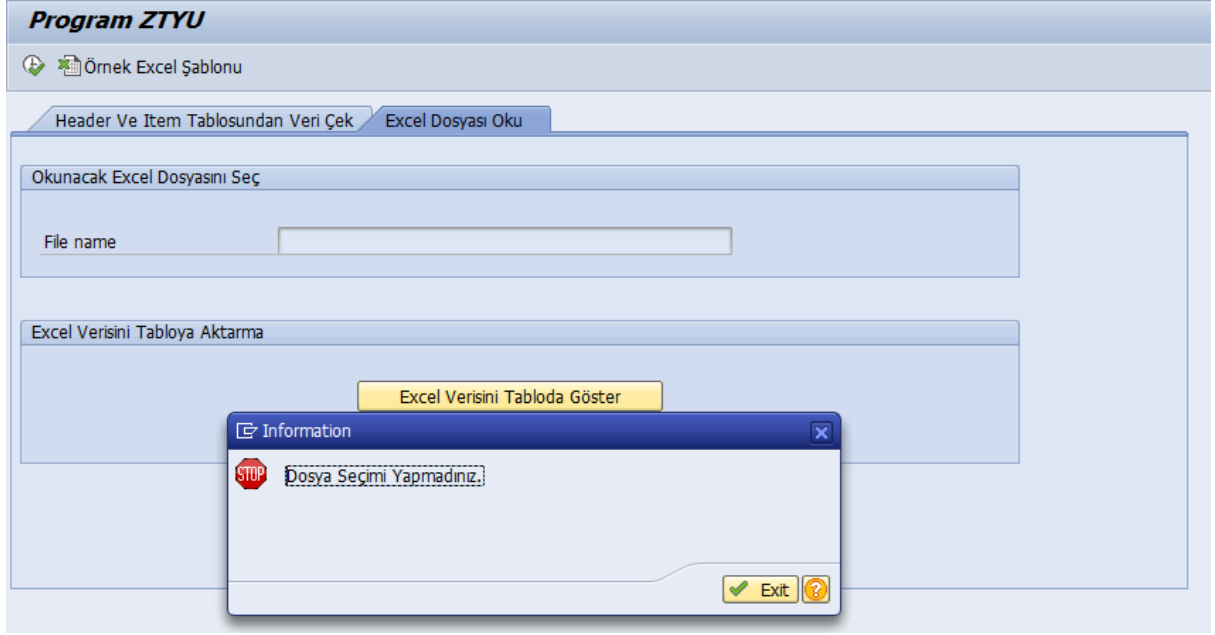
Hem Invoice Info hem de Invoice Detail Info içerisindeki parametrelere veri girişi yaptığımızda hata verecektir.



- Eğer ikinci tab'daki file upload nesnesi dolu ise file upload'a klasör adresi girilen exceldeki veriler ALV raporunda gösterilecektir.

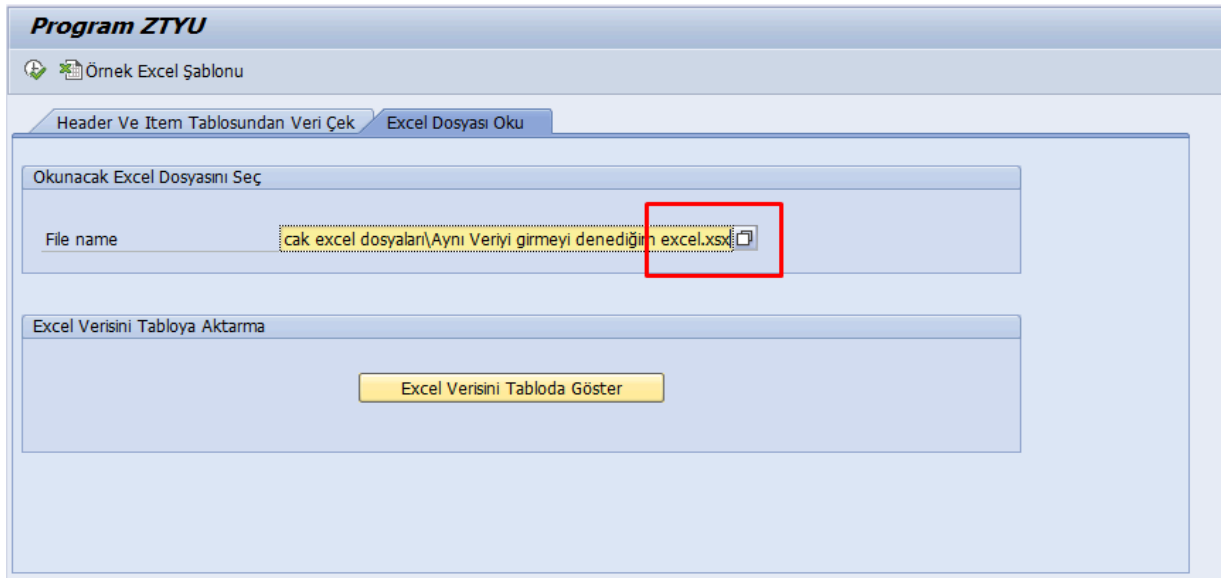
## Senaryo 1

File upload nesnesi boş ise,




## Senaryo 2

Dosya Formatı yanlış ise,



Hata verecektir.

**Program ZTYU**

 Örnek Excel Şablonu

Header Ve Item Tablosundan Veri Çek

Excel Dosyası Oku

Okunacak Excel Dosyasını Seç


File name


C:\Users\X\Desktop\excelden veri çekmek için kullanılaca...

Excel Verisini Tabloya Aktarma

Excel Verisini Tabloda Göster

Information

 Dosya Formatı Yanlış.

 Exit

## Senaryo 3

Doğru formatta ve içi boş değilse şayet, o zaman çalışacaktır.

Excel Dosyası : excel tablosu içi veri.xlsx

Kullanıcı : B.ABDULLAH

Program Adı : ZTYU

Sistem Saati : 02:08:16

Toplam Kayıt Sayısı 333

Invoice ID	Invoice Ty	Company	Company	Tax Info	Address in	Sales Orga	Distri Cha	Distri Pla	Terms of p	Billing Date	Delivery date	Product	Product Name	Product Qu	Sales Unit	Net Price	Total Tax	Discoun	Sales Currency	Product Description
7	INT	LYNT	Rhyzo	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047	69QG	THE... BEAU...	988	PAG	24,078	29,11	29,11	CZK	Oth farm location as p...
2	HVH	5928	Oozz	Kdv	277 Veith Drive	M9H7	99	US	visa	12/02/2096	04/27/2087	HJN2	Gabriele	786	xEq	2,14	12,54	63,28	CNY	Adverse effect of uns...
3	YVU	77D2	Aive	Kdv	849 4th Circle	B6E8	94	ET	lase	10/09/1932	08/30/2044	UV25	Firing With ...	662	3Ch	99,207	59,79	20,65	XOF	Glasgow coma scale s...
4	ZLQ	62E2	Skeptom	Kdv	296 Chonook Trail	E6L8	74	US	dne	09/31/1918	05/02/2074	KP1	Ski Party	863	3qz	56,567	76,15	84,24	MGA	Occup of 3-wrth mv eg...
5	BMK	61X1	Tagfeed	Kdv	8509 Thompson...	Ph2	35	US	mast	09/05/2023	12/26/1902	JD3	Herbe Goes ...	763	31P	6,258	39,26	29,11	CNY	Ecdamnia complicatn...
6	IJW	59R1	Thought...	Kdv	5675 Longview ...	V2V0	14	SB	chin	12/08/2046	12/09/1948	Kwk6	Beyond the ...	815	qdC	71,417	42,37	88,30	BRL	Other hypotension
8	BSG	21QH	Buzzster	Kdv	8 Shasta Circle	MSP0	17	PH	visa	03/21/2080	11/31/2059	Zgw0	Jeepers Cree...	133	nha	72,243	43,76	86,58	MGA	Diabetes due to undr...
9	JZY	41VF	Realcube	Kdv	1 Badeau Trail	XK15	86	GB	icb	05/08/2015	11/26/2060	HpP3	Bambi 2	580	TH2	21,15	30,06	42,41	EUR	Typhus fever, unspec...
10	HOV	44Z0	Wikou	Kdv	1 South Park	DIC6	97	IN	icb	04/06/1944	03/30/1940	J9J7	Runaway Bran	649	oen	4,179	17,93	23,05	IDR	Depl oblique fx shaft...
11	KEO	06R2	Yato	Kdv	58 Novick Plaza	Sly4	64	AR	chin	10/18/1956	12/04/2067	MD2	Film et a Girl	945	SJh	43,808	40,96	66,99	SEK	Unsp inj extensor mus...
12	BVD	98KM	Vidoo	Kdv	2 Sullivan Place	Avi2	80	AU	visa	07/30/2021	11/30/1981	L8B4	Paradox	111	5BR	30,405	24,43	87,66	CNY	Nondisp spiral fx shaft...
13	HYO	61An	Divavu1	Kdv	093 Chinook Str...	Lk44	14	US	icb	11/31/1924	07/22/1909	QzF3	Late George...	235	jRW	30,266	91,62	51,28	CNY	Partial traum amp of ri...
14	SAR	14QN	Ambo	Kdv	7 Scott Park	Bc14	42	BF	bank	09/31/2042	12/13/2032	YZA3	Slaves of Ne...	787	LVP	45,052	51,22	85,95	EUR	Lacerat musc/fasc/te...
15	TRW	00K1	Centdel	Kdv	89264 7th Way	CYT3	75	OH	solo	10/02/1985	06/17/1949	Q1u4	Hedwig and ...	116	GXQ	78,832	87,27	50,84	UAH	Injury of digital nerve...
16	R0F	52VX	Lazzy	Kdv	93 Mayfield Court	OS14	55	CA	icb	10/24/2014	12/07/2083	FG04	Panic Room	345	Q1e	98,38	56,54	39,94	CZK	Dog fx of med condyl...
19	FZJ	00FB	Trlth	Kdv	29532 Lilan Ave...	MTW9	59	IN	inst	05/30/1950	08/31/2091	08P9	Mighty Quinn...	960	mat	12,402	94,04	88,43	EUR	Nondisp fx of base of...
20	KML	00SF	Thought...	Kdv	1366 Maple Stre...	JZm7	67	BO	swit	10/31/1958	12/07/1984	Fa75	Raven, The	298	cv0	73,506	77,58	29,11	CNY	Corrosion of unsp deg...
21	HAB	94EQ	Izo	Kdv	5447 Stone Cor...	CeXG	81	SE	icb	10/31/2066	12/29/1940	DgH2	Scribbler, The	90	SE1	64,301	40,26	35,06	RUB	Drug-induced chronic...
22	VUL	45CY	Rffpeda	Kdv	892 Rowland Te...	WCL9	96	KP	icb	12/31/2023	12/09/1921	YbK6	Beloved	437	9a	89,07	29,87	15,65	USD	Partial placenta preva...
23	TLH	64AU	Embee	Kdv	9964 Looms Road	QC71	57	US	icb	12/22/2078	03/08/1924	A6A4	Medea	657	EF	75,578	99,41	62,59	VEF	Ped on foot inj pick-u...
24	KBE	29LQ	Bloggan	Kdv	849 Anniversary ...	B011	22	CA	mast	10/31/1994	03/31/2046	AV09	From Hall	910	SRU	49,1	88,87	57,50	USD	Toxic optic neuropathy
25	WAF	08GU	Tanoodle	Kdv	99140 Oriole Pass	NRE6	83	PG	dne	02/31/2098	05/03/1916	NV15	Alarmist, The	315	eDQ	75,864	57,99	70,70	ARS	Age-related nuclear c...
26	Gi C	71GI1	ShuffBady	Kdv	481 Dawson Court	1043	67	LY	icb	12/31/2008	10/02/2032	116a7	Walken on S...	301	R1h	71,472	71,46	84,46	D4D	Drien hv antihumanit...

Eklenen Ve Değişen Satır Sayıcı Paneli

Header Eklenen Satır : 0

Header Değişen Satır : 0

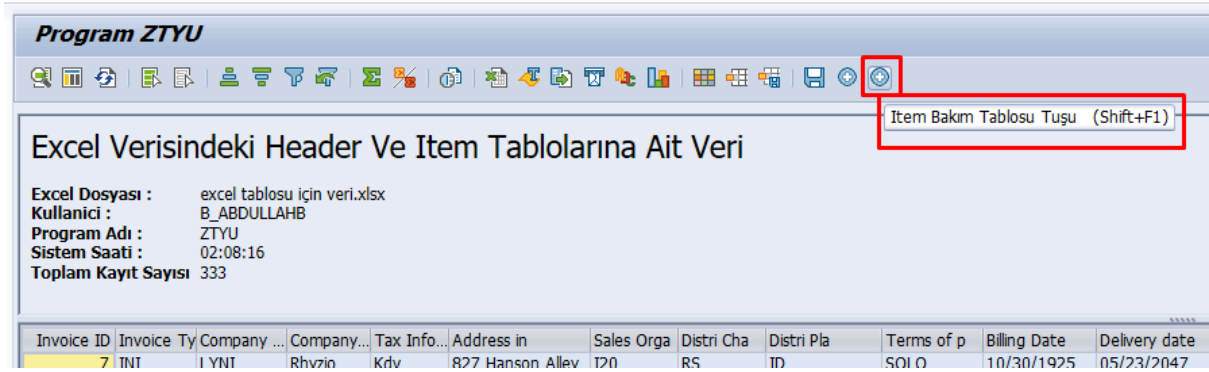
Item Eklenen Satır : 0

Item Değişen Satır : 0

Bazı bilgileri Top Of page yapısına ekledim.



Item bakım tablosu tuşu.



- Bu butonların 1.si eğer 2.tab paneldeki file upload alanındaki excel dosya yolu dolu ve exceldeki veriler ALV raporda gösteriliyor ise ALV rapordaki verileri Z'li tasarlanan 2 tabloya kayıt edecektir.

## Örnek Senaryo 1

Tablolarımızın ilk durumu,

Header Tablom,

**ZAB\_BILL\_THEAD: Display of Entries Found**

Search in Table: ZAB\_BILL\_THEAD Fatura Tablosu H

Number of Hits: 10

Runtime: 0 Maximum No. of Hits: 500

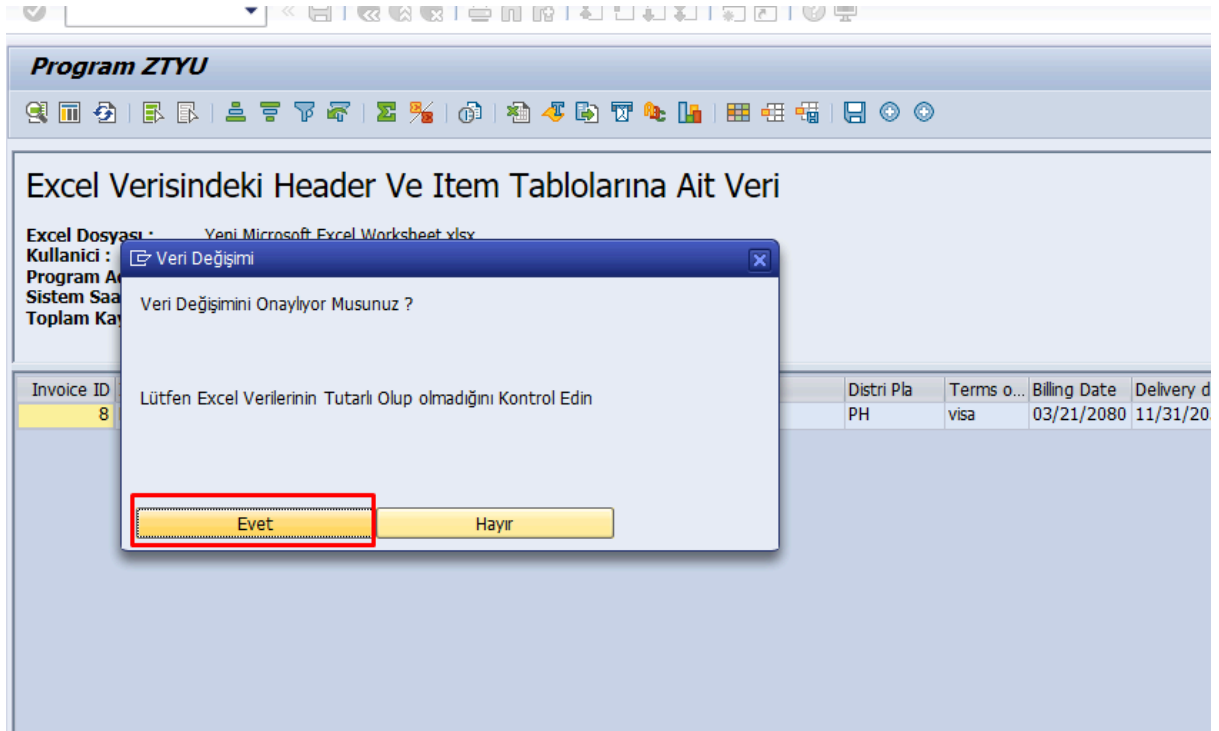
Insert Column: [ ]

Invoice ID	Invoice Ty	Company Co	Company na	Tax Inform	Address information	Sales Orga	Distri Cha	Distri Pla	Terms of p	Billing Date	Delivery date
1	KTG	WIOK	Yacero	Kdv	44 Killdeer Lane	DNBC	ID	FR	JCB	11/08/2090	08/31/1993
2	HVH	59Z8	Oozz	Kdv	277 Veith Drive	M9H7	99	US	visa	12/02/2096	04/27/2087
3	YWU	77D2	Aive	Kdv	849 4th Circle	BsE8	94	ET	base	10/09/1932	08/30/2044
4	ZLQ	82Ez	Skipstorm	Kdv	296 Chinook Trail	EdL8	74	US	dine	09/31/1918	05/02/2074
5	BMK	61Xi	Tagfeed	Kdv	8509 Thompson Hill	Pfn2	35	US	mast	09/05/2023	12/20/1902
6	IUVV	59Fi	Thoughtstorm	Kdv	5675 Longview Drive	V2v0	14	SB	chin	12/08/2046	12/09/1948
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047
8	BSG	21OH	Buzzster	Kdv	8 Shasta Circle	MSP0	17	PH	visa	03/21/2080	11/31/2059
9	JZY	41VF	Realcube	Kdv	1 Badeau Trail	Xkt5	86	GB	jcb	05/08/2015	11/26/2060
10	HOV	44ZO	Wikivu	Kdv	1 South Park	DIC6	97	IN	jcb	04/06/1944	03/30/1940

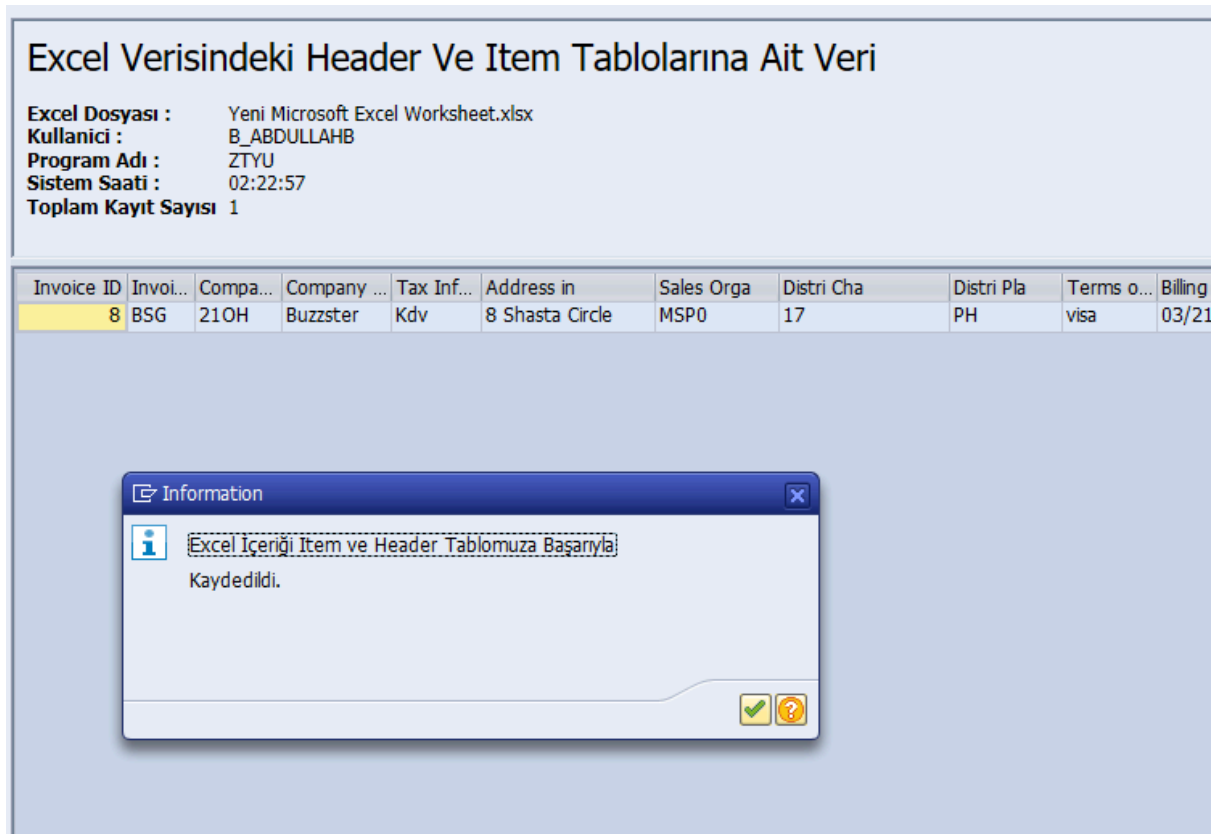
Item Tablom,

ZAB\_BILL\_TITEM: Display of Entries Found

Veri deęişim işlemleri oldukça riskli işlemler olduęu için öncelikle bir pop-up ile bunun kontrolünü sağlamalıyız,



kullanıcı onay verdięi durumda sayıcıların durumuna bir bakalım,



Sayıcıda herhangi bir deęişiklik olmadı, bu řu anlama gelmektedir, header tablosunda aynı key id ye sahip ve gövde kısmı farklı olmayan bir veriyi kaydetmeye çalıştık ve aynı şekilde item tablosu içinde bu durum geçerli.

Excel Verisindeki Header Ve Item Tablolarına Ait Veri

Excel Dosyası : Yeni Microsoft Excel Worksheet.xlsx  
Kullanıcı : E\_ABDULLAHB  
Program Adı : ZTYU  
Sistem Saati : 02:25:19  
Toplam Kayıt Sayısı : 1

Invoice ID	Invoic...	Compa...	Company	Tax Inf...	Address in	Sales Orga	Distri Cha	Distri Pla	Terms o...	Billing Date	Delivery date	Produ...	Product Name	Product...	Sales	Net Price	Total Tax	Discount Amount	Sales Currency	Product Description
8	BSG	21OH	Buzzster	Kdv	8 Shasta Circle	MSP0	17	PH	visa	03/21/2080	11/31/2059	Zgx0	Jeepers Cree...	133	nha	72,243	43,76	86,58	MGA	Diabetes due to undri condition w o...

Eklenen Ve Deęişen Satır Sayıcı Paneli

Header Eklenen Satır : 0  
Header Deęişen Satır : 0  
Item Eklenen Satır : 0  
Item Deęişen Satır : 0

## Örnek Senaryo 2

verimizin key olmayan alanlarında deęişiklik yapalım, mesela header kısmında Buzzster verisini barındıran alanı Buzzste1 yapalım, aynı şekilde item alanında da MGA yazan alanı MG1 yapalım ve son duruma bakalım,

Program ZTYU

Excel Verisindeki Header Ve Item Tablolarına Ait Veri

Excel Dosyası : Yeni Microsoft Excel Worksheet.xlsx  
Kullanıcı : E\_ABDULLAHB  
Program Adı : ZTYU  
Sistem Saati : 02:32:34  
Toplam Kayıt Sayısı : 1

Invoice ID	Invoic...	Com...	Company	Tax...	Address in	Sales ...	Distri Cha	Distri Pla	Terms...	Billing Date	Delivery date	Produ...	Product Name	Product...	Sales	Net Price	Total Tax	Discount Amount	Sales Currency	Product Description
8	BSG	21OH	Buzzste1	Kdv	8 Shasta Circle	MSP0	17	PH	visa	03/21/2080	11/31/2059	Zgx0	Jeepers Cree...	133	nha	72,243	43,76	86,58	MG1	Diabetes due to undri...

Veri Deęiřimi

Veri Deęiřimini Onaylıyor Musunuz ?  
Lütfen Excel Verilerinin Tutarlı Olup olmadığını Kontrol Edin

Evet

Hayır

Eklenen Ve Deęişen Satır Sayıcı Paneli

Header Eklenen Satır : 0  
Header Deęişen Satır : 0  
Item Eklenen Satır : 0  
Item Deęişen Satır : 0



Kayıt işlemi gerçekleştiği zaman şekildeki gibi sayıcıların ilgili kısımları 1 arttı.

**Program ZTYU**

Excel Verisindeki Header Ve Item Tablolarına Ait Veri

Excel Dosyası : Yeni Microsoft Excel Worksheet.xlsx  
Kullanıcı : B. ABDULLAHE  
Program Adı : ZTYU  
Sistem Saati : 02:31:03  
Toplam Kayıt Sayısı : 1

Invoice ID	Invoice Ty	Company Co	Tax Inform	Address information	Sales Orga	Distri Cha	Distri Pla	Terms of p	Billing Date	Delivery date	Product Name	Product	Sales	Net Price	Total Tax	Discount Amount	Sales Currency	Product Description		
8	BSG	21OH	Buzzste1	Kdv	8 Shasta Circle	MSP0	17	PH	visa	03/21/2080	11/31/2059	Zpx0	Jeeppers Cree...	133	nha	72,243	43,76	86,58	MG1	Diabetes due to undr...

**Eklene ve Değişen Satır Sayıcı Paneli**

Header Eklene Satır : 0  
Header Değişen Satır : 1  
Item Eklene Satır : 0  
Item Değişen Satır : 1

Header Tablomuzun son durumu,

**ZAB\_BILL\_THEAD: Display of Entries Found**

Search in Table: ZAB\_BILL\_THEAD Fatura Tablosu H

Number of Hits: 10

Runtime: 0 Maximum No. of Hits: 500

Insert Column

Invoice ID	Invoice Ty	Company Co	Company na	Tax Inform	Address information	Sales Orga	Distri Cha	Distri Pla	Terms of p	Billing Date	Delivery date
5	BMK	61Xi	Tagfeed	Kdv	8509 Thompson Hill	Pfn2	35	US	mast	09/05/2023	12/20/1902
8	BSG	21OH	Buzzste1	Kdv	8 Shasta Circle	MSP0	17	PH	visa	03/21/2080	11/31/2059
10	HOV	44ZO	Wikivu	Kdv	1 South Park	DIC6	97	IN	jcb	04/06/1944	03/30/1940
2	HVH	59Z8	Oozz	Kdv	277 Veith Drive	M9H7	99	US	visa	12/02/2096	04/27/2087
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO	10/30/1925	05/23/2047
6	IUW	59FI	Thoughtstorm	Kdv	5675 Longview Drive	V2v0	14	SB	chin	12/08/2046	12/09/1948
9	JZY	41VF	Realcube	Kdv	1 Badeau Trail	Xkt5	86	GB	jcb	05/08/2015	11/26/2060
1	KTG	WIOK	Yacero	Kdv	44 Killdeer Lane	DNBC	ID	FR	JCB	11/08/2090	08/31/1993
3	YWU	77D2	Aive	Kdv	849 4th Circle	BsE8	94	ET	lase	10/09/1932	08/30/2044
4	ZLQ	82Ez	Skipstorm	Kdv	296 Chinook Trail	EdL8	74	US	dine	09/31/1918	05/02/2074

Item Tablomuzun son durumu,

**ZAB\_BILL\_TITEM: Display of Entries Found**

Search in Table: ZAB\_BILL\_TITEM Fatura Tablosu I

Number of Hits: 15

Runtime: 0 Maximum No. of Hits: 500

Insert Column:

Invoice ID	Product Nu	Product Name	Product Qu	Sales Unit	Net Price	Total Tax	Discount A	Sales Curr	Product Description
7	16MA	ADVENTURES OF MARK T	540	SBN	70,567	94,11	13,51	PHP	Leakage of ventricular intracranial shunt, init
7	25UX	PAPER MAN	34	ARI	30,44	80,84	95,50	CNY	Complete loss of teeth due to trauma, unspecified
7	45NA	WHAT HAPPENED WAS...	371	PEZ	81,155	23,52	23,52	PHP	Puncture wound with foreign body of right hand, in
7	53TL	WILLIAM SHAKESPEARE'	850	VLR	89,024	46,31	34,86	EUR	Disorders of visual cortex
7	64DA	MADAME SIN	814	LHO	28,733	74,49	77,28	MYR	Ped on rolr-skt inj pick-up truck, pk-up/van in tr
7	66EQ	LOOP THE LOOP (UP AN	145	BGC	91,016	33,71	98,15	USD	Gonorrhea compl preg/chldbrth
7	69HS	LOVES OF PHARAOH, TH	194	OAK	40,735	73,65	54,24	BAM	Unspecified sprain of right great toe
7	69QG	THE... BEAUTIFUL COU	988	PAG	24,078	29,11	29,11	CZK	Oth farm location as place
1	93Z4	WAKE UP, RON BURGUND	191	CEV	38,467	19,11	28,18	SEK	Complete lesion at T11-T12 level of thoracic spina
1	94WZ	IMPUDENT GIRL (L'EFF	443	MED	57,551	90,67	47,23	BRL	Opioid use, unsp w intoxication with perceptual di
1	DENZ	DENEME	1542	142	412412	124	412	NERSE	DENEME DENEME DENEME DENEME
7	HYL4	Shot in the Heart	808	Ce7	87,857	42,21	94,24	EUR	Assault by paintball gun discharge
9	H2P3	Bambi 2	580	TH2	21,15	30,06	42,41	EUR	Typhus fever, unspecified
10	J9J7	Runaway Brain	649	qxn	4,179	17,93	23,05	IDR	Displ oblique fx shaft of unsp fibula, 7thD
8	Zgx0	Jeepers Creepers	133	nha	72,243	43,76	86,58	MG1	Diabetes due to undrl condition w oth diabetic opt

### Örnek Senaryo 3

Daha önce olmayan bir keye sahip veri girişi yaptığımız senaryoyu işleyelim,

Excel Verisindeki Header Ve İtem Tablolarına Ait Veri

Excel Dosyası : Yeni Microsoft Excel Worksheet.xlsx  
Kullanıcı : B\_ABDULLAH  
Program Adı : ZTVU  
Sistem Saati : 02:35:49  
Toplam Kayıt Sayısı : 1

Invoice ID	Invoice...	Com...	Company...	Tax Inf...	Address...	Sales Orga	Distr Cha	Distr Pla	Terms	Billing Date	Delivery date	Product Number	Product Name	Product Quantity	Sales Unit	Net Price	Total Tax	Discount Amount	Sales Currency	Product Description
11	BSG	210H	Buzzs1	Kdv	8 Sha...	MSP0	17	PH	visa	03/21/2080	11/31/2059	Zgx0	Jeepers Cree...	133	nha	72,243	43,76	86,58	MG1	Diabetes due to undrl...

Veri Değişimi

Veri Değişimini Onaylıyor Musunuz ?

Lütfen Excel Verilerinin Tutarlı Olup olmadığını Kontrol Edin

Evet Hayır

Eklenen Ve Değişen Satır Sayıcı Paneli

Header Eklenen Satır : 0  
Header Değişen Satır : 0  
İtem Eklenen Satır : 0  
İtem Değişen Satır : 0

Son durum,

Excel Verisindeki Header Ve Item Tablolarına Ait Veri

Excel Dosyası :Yeni Microsoft Excel Worksheet.xlsx

Kullanıcı :B. ABDULLAH

Program Adı :ZTYU

Sistem Saati :02:36:55

Toplam Kayıt Sayısı1

Invoice ID	Invoice	Com...	Company	Tax Inf...	Address	Sales Orga	Distri Cha	Distri Pla	Terms	Billing Date	Delivery date	Product Number	Product Name	Product Quantity	Sales Unit	Net Price	Total Tax	Discount Amount	Sales Currency	Product Description
11	BSG	210H	Buzzste1	Kdv	8 Shast...	MSP0	17	PH	visa	03/21/2080	11/31/2059	Zgx0	Jeepers Cree...	133	nha	72,243	43,76	86,58	MG1	Diabetes due to undr

Eklenen Ve Değişen Satır Sayıcı Paneli

Header Eklenen Satır1

Header Değişen Satır0

Item Eklenen Satır1

Item Değişen Satır0

Key IDsi Header tablosunda hiç olmayan bir değer direk olarak hem item hem de header tablomuza eklenir.

Bunun gibi diğer tüm durumları kodum üzerinden incelenebilir.(REPORT ZTYU)


- Z'li tabloların sm30 bakım ekranı oluşturulacak. Her bir bakım ekranı transaction koda bağlanacaktır.

Header Tablom için Bakım Ekranı,

<b>Display Table Maint.Dialog Generat.: Generation Environment</b>			
Source Code			
Table/View	ZAB_BILL_THEAD		
Technical Dialog Details			
Authorization Group	/ACCGO/PPMG_CR		
Authorization object	S TABU NAM	S TABU DIS	
Function group	ZAB_BILL_THEAD1	Fn.Gr.Text	
Package	ZAB_PACKAGE	ABDULLAH BOZLAĞAN	
Maintenance Screens			
Maintenance type	<input type="radio"/> one step <input checked="" type="radio"/> two step		
Maint. Screen No.	Overview screen	5	
	Single Screen	6	
Dialog Data Transport Details			
Recording routine	<input type="radio"/> Standard recording routine <input checked="" type="radio"/> no, or user, recording routine		
Compare Flag	Automatically Adjustable	Note	

Header bakım tablom için transaction kod,

**Display Parameter Transaction**



Transaction code

ZAB\_FATURA\_HCODE

Package

ZAB\_PACKAGE

Transaction text

Fatura Header Tablosu Tcode

Default values for

Transaction

SM30

☒ Skip initial screen

Obsolete: Use default values for transaction

Screen

0

From module pool

Classification

☐ Inherit GUI attributes

Transaction classification

☒ Professional User Transaction

☐ Easy Web Transaction

☐ Pervasive enabled

Service

GUI support

☒ SAP GUI for HTML

☒ SAP GUI for Java

☒ SAP GUI for Windows



Default Values

Name of screen field	Value
VIEWNAME	ZAB_BILL_THEAD
UPDATE	X

Item Tablom için Bakım Ekranı,

<b>Display Table Maint.Dialog Generat.: Generation Environment</b>		
Source Code		
Table/View	ZAB_BILL_TITEM	
Technical Dialog Details		
Authorization Group	/ACCGO/PPMG_CR	
Authorization object	S TABU NAM	S TABU DIS
Function group	ZAB_BILL_TITEM	Fn.Gr.Text
Package	ZAB_PACKAGE	ABDULLAH BOZLAĞAN
Maintenance Screens		
Maintenance type	<input type="radio"/> one step	
	<input checked="" type="radio"/> two step	
Maint. Screen No.	Overview screen	1
	Single Screen	2
Dialog Data Transport Details		
Recording routine	<input type="radio"/> Standard recording routine	
	<input checked="" type="radio"/> no, or user, recording routine	
Compare Flag	Automatically Adjustable	Note

Item bakım tablom için transaction kod,

**Display Parameter Transaction**

Transaction code

ZAB\_FATURA\_ICODE

Package

ZAB\_PACKAGE

Transaction text

Fatura Item Tablosu Tcode

Default values for

Transaction

SM30

☒ Skip initial screen

Obsolete: Use default values for transaction

Screen

0

From module pool

Classification

☐ Inherit GUI attributes

Transaction classification

☒ Professional User Transaction

☐ Easy Web Transaction

☐ Pervasive enabled

Service

GUI support

☒ SAP GUI for HTML

☒ SAP GUI for Java

☒ SAP GUI for Windows

Default Values

Name of screen field	Value
VIEWNAME	ZAB_BILL_TITEM
UPDATE	X

Kod içerisindeki çağrılar,

```

11      TS_SelField TYPE STIS_SelField.
12
13
14      CASE r_ucomm.
15
16          WHEN '&MAINHEAD'.
17              CALL TRANSACTION 'ZAB_FATURA_HCODE'.  HEADER TABLOSU İÇİN TRANSACTION KOD CAĞIRISI
18
19          WHEN '&MAINITEM'.
20              CALL TRANSACTION 'ZAB_FATURA_ICODE'.  ITEM TABLOSU İÇİN TRANSACTION KOD CAĞIRISI
21
22          WHEN '&INSRTEX'.

```

- ALV raporun GUI statusundeki 2. ve 3. butonlara tıklanıldığında bu transaction kodlar call edilecektir.

## Header Sm30 Transaction CALL

[illegible]



**Change View "Fatura Tablosu H" Overview**

New Entries

Invoice ID	Invoice Ty	Company Co	Company name	Tax Inform	Address information	Sales Orga	Detri Cha	Distri Pla	Terms of p
1	KTG	WIOK	Yacero	Kdv	44 Killdeer Lane	DNBC	ID	FR	JCB
2	HVH	59Z8	Oozz	Kdv	277 Veith Drive	M9H7	99	US	visa
3	YWU	77D2	Aive	Kdv	849 4th Circle	BeE8	94	ET	lase
4	ZLQ	82Ez	Skipstorm	Kdv	296 Chinook Trail	EdL8	74	US	dine
5	BMK	61X1	Tagfeed	Kdv	8509 Thompson Hill	Pfn2	35	US	mast
6	IUW	59Fi	Thoughtstorm	Kdv	5675 Longview Drive	V2v0	14	SB	chin
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	SOLO
8	BSG	21OH	Buzzstel	Kdv	8 Shasta Circle	MSP0	17	PH	visa
9	JZY	41VF	Realcube	Kdv	1 Badeau Trail	XkT5	86	GB	jcb
10	HOV	44Z0	Wikivu	Kdv	1 South Park	DIC6	97	IN	jcb
11	BSG	21OH	Buzzstel	Kdv	8 Shasta Circle	MSP0	17	PH	visa

Item Sm30 Transaction CALL

**Program ZTYU**

Item Bakım Tablosu Tuşu (Shift+F1)

**Fatura Ve Fatura Detay Tablolarının Birleşmiş Hali**

Kullanıcı : B\_ABDULLAHB  
Program Adı : ZTYU  
Sistem Saati : 02:47:55  
Toplam Kayıt Sayısı 21

Invoice ID	Invoice Type	Company Co	Company na	Tax Information	Address information	Sales Organization	Distribution channel	Distribution Place	T
2	HVH	59Z8	Oozz	Kdv	277 Veith Drive	M9H7	99	US	vi
3	YWU	77D2	Aive	Kdv	849 4th Circle	BeE8	94	ET	la
4	ZLQ	82Ez	Skipstorm	Kdv	296 Chinook Trail	EdL8	74	US	d
5	BMK	61X1	Tagfeed	Kdv	8509 Thompson Hill	Pfn2	35	US	m
6	IUW	59Fi	Thoughtstorm	Kdv	5675 Longview Drive	V2v0	14	SB	cl
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	S
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	S
7	INI	LYNI	Rhyzio	Kdv	827 Hanson Alley	I20	RS	ID	S

Change View "Fatura Tablosu I": Overview									
Fatura Tablosu I									
Invoice ID	Product Nu	Product Name	Product Qu	Sales Unit	Net Price	Total Tax	Discount A	Sales Curr	Product Description
1	9324	WAKE UP, RON BURGUND	191	CEV	38,467	19,11	28,18	SEK	Complete lesion at T11-T12 level of thoracic spina
1	94WZ	IMPUDENT GIRL (L'EFF	443	MED	57,551	90,67	47,23	BRL	Opioid use, unsp w intoxication with perceptual di
1	DENZ	DENEME	1542	142	412412	124	412	NERSE	DENEME DENEME DENEME DENEME
7	16MA	ADVENTURES OF MARK T	540	SBN	70,567	94,11	13,51	PHP	Leakage of ventricular intracranial shunt, init
7	25UX	PAPER MAN	34	ARI	30,44	80,84	95,50	CNY	Complete loss of teeth due to trauma, unspecified
7	45NA	WHAT HAPPENED WAS...	371	PEZ	81,155	23,52	23,52	PHP	Puncture wound with foreign body of right hand, in
7	53TL	WILLIAM SHAKESPEARE	850	VLR	89,024	46,31	34,86	EUR	Disorders of visual cortex
7	64DA	MADAME SIN	814	LHO	28,733	74,49	77,28	MYR	Ped on rolr-skt inj pick-up truck, pk-up/van in tr
7	66EQ	LOOP THE LOOP (UP AN	145	BGC	91,016	33,71	98,15	USD	Gonorrhea compl preg/chldbrth
7	69HS	LOVES OF PHARAOH, TH	194	OAK	40,735	73,65	54,24	BAM	Unspecified sprain of right great toe
7	69QG	THE... BEAUTIFUL COU	988	PAG	24,078	29,11	29,11	CZK	Oth farm location as place
7	HYL4	Shot in the Heart	808	Ce7	87,857	42,21	94,24	EUR	Assault by paintball gun discharge
8	Zgx0	Jeepers Creepers	133	nha	72,243	43,76	86,58	MG1	Diabetes due to undrl condition w oth diabetic opt
9	H2P3	Bambi 2	580	TH2	21,15	30,06	42,41	EUR	Typhus fever, unspecified
10	J9J7	Runaway Brain	649	qxn	4,179	17,93	23,05	IDR	Displ oblique fx shaft of unsp fibula, 7thD
11	Zgx0	Jeepers Creepers	133	nha	72,243	43,76	86,58	MG1	Diabetes due to undrl condition w oth diabetic opt

(Not : Excel dosyasındaki her satırda header ve item alanları olacaktır. Eğer ki program file upload boş ise kaydet butonuna basılırsa hata vermesi sağlanacaktır.)

```
WHEN '&INSRTEX'.
```

```
IF p_fname IS NOT INITIAL AND gt_faturat_excel_s IS INITIAL AND tbl-dynnr EQ 1002.
```

```
MESSAGE 'Tablonun İçeriği Boş Lütfen Verilerinizi Kontrol Ediniz!' TYPE 'I' DISPLAY LIKE 'A'.
```

```
ELSEIF p_fname IS INITIAL AND gt_faturat_excel_s IS NOT INITIAL AND tbl-dynnr EQ 1002.
```

```
MESSAGE 'Dosya Yolu Boş, Lütfen Kontrol Ediniz!' TYPE 'I' DISPLAY LIKE 'A'.
```

```
ELSEIF p_fname IS INITIAL AND gt_faturat_excel_s IS INITIAL AND tbl-dynnr EQ 1002.
```

```
MESSAGE 'Dosya Yolu Boş, Lütfen Kontrol Ediniz!' TYPE 'I' DISPLAY LIKE 'A'.
```

```
ELSEIF p_fname IS NOT INITIAL AND gt_faturat_excel_s IS NOT INITIAL AND tbl-dynnr EQ 1002 .
```

```
PERFORM popup_to_confirm.
```

```
IF popup_return EQ '1'.
```