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(target) ,

(host) IBM PC

MS Windows Linux.

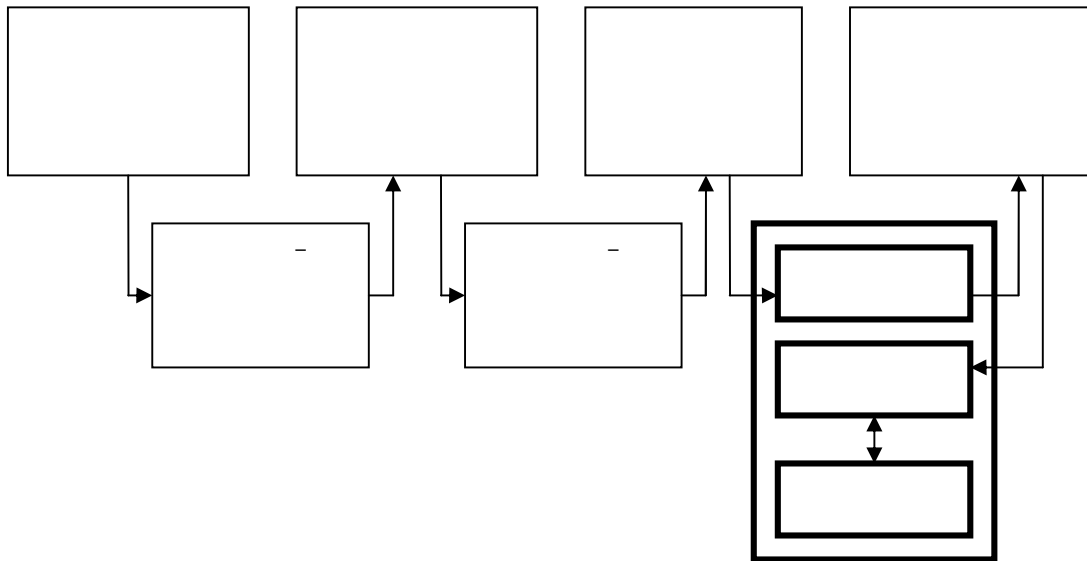
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2.1.	6
2.1.1.	-	6
2.1.2.	7
2.1.3.	-	
()	19
2.1.4.	-	
()	22
2.2	32
2.3.	33
2.4.	35
2.4.1.	35
2.4.2.	39
3.	42
4.	43
5.	,	44

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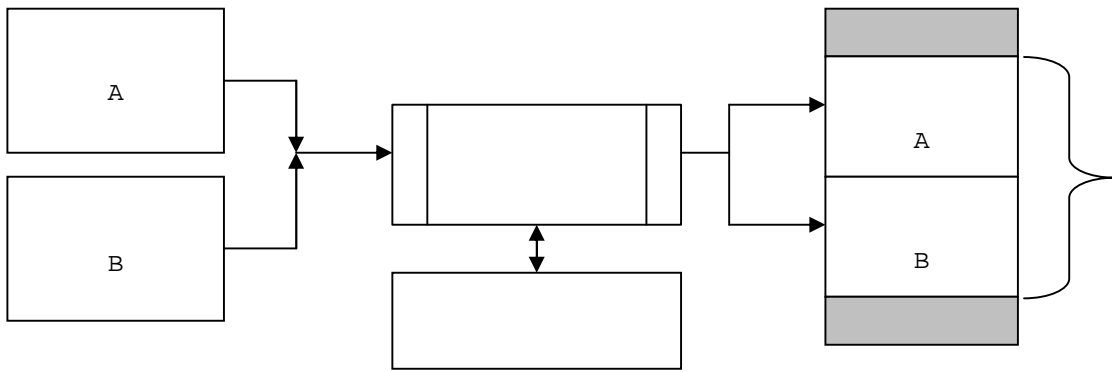
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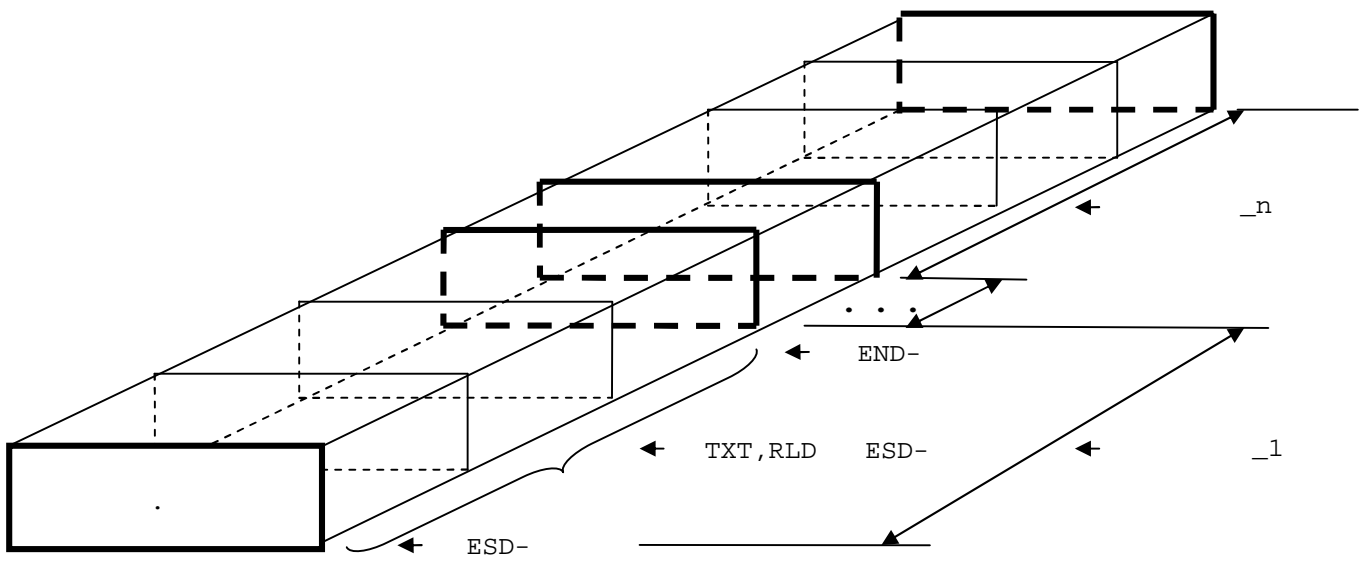
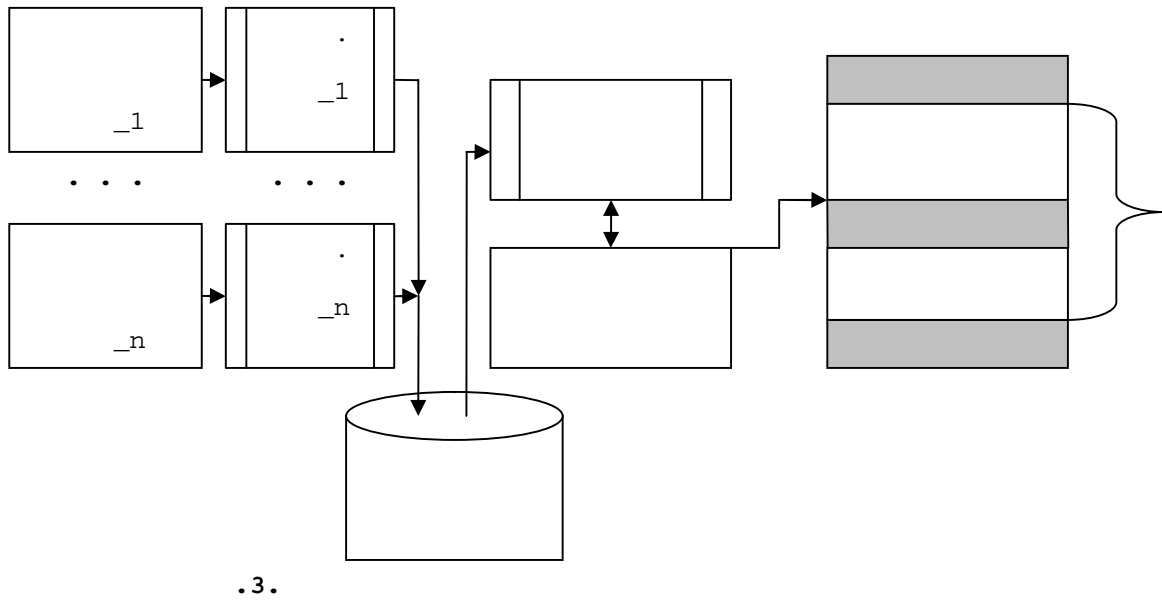
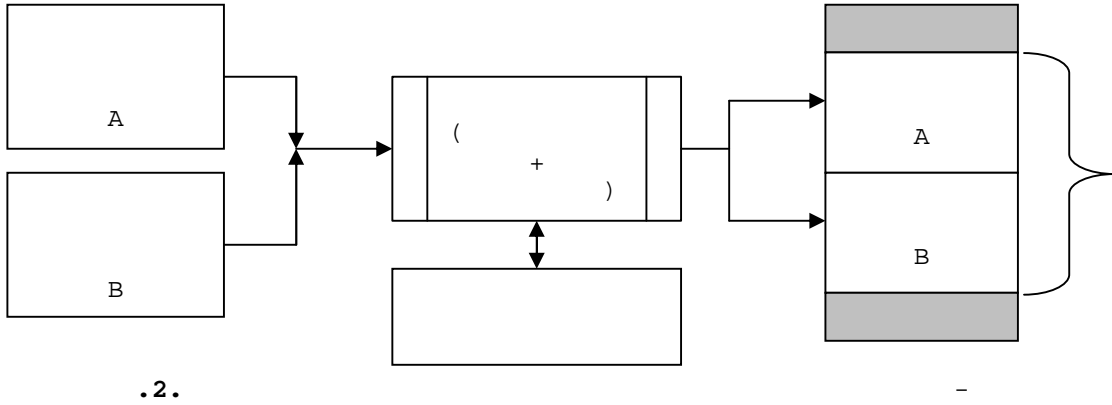
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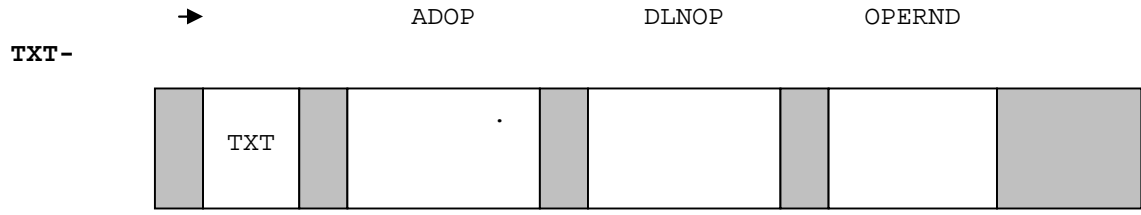
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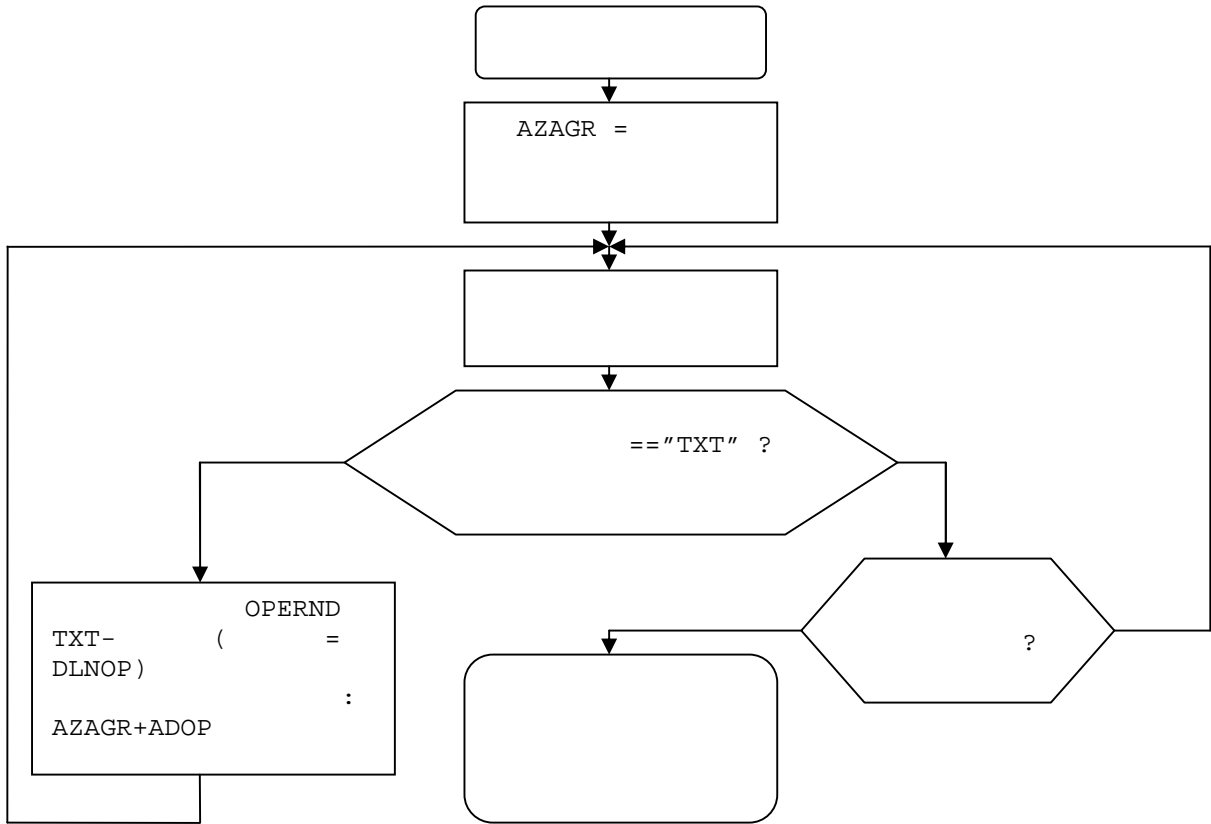


.1.





.5. TXT-



.6. -

EXAMP1

0	EXAMP1	START	0	
		BALR	R15,0	R15 ← BEGCALC
2		USING	*,R15	
	BEGCALC	ST	RVIX,RSAVE	
6		L	15,AEXAMP2	15 ← EXAMP2
A		BALR	RVIX,15	EXAMP2
		L	RVIX,RSAVE	
10		BCR	15,RVIX	
	R15	EQU	5	
	RVIX	EQU	14	
14	AEXAMP2	DC	F'????????????'	EXAMP2
18	RSAVE	DS	F	
1		END		

"?"

AEXAMP2,

START

(. - .6.)

START

0,

EXAMP2

20	EXAMP2	START	30	
		USING	*,15	
20		L	3,A	3 ←
24		A	3,B	3 ← (+)
28		S	3,C	3 ← (+)-
2C		ST	3,D	3 → D
30		BCR	15,14	
34	A	DC	F'3'	
38	B	DC	F'4'	
3C	C	DC	F'5'	
40	D	EQU	*	
40		DS	F	D
44		END		

EXAMP1

EXAMP2

15

EXAMP2.

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 ()
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 ' , 20 000
 () 131 072 (),
 EXAMP2 :

$$20\ 000 + 20 = 20\ 020$$

$$131\ 072 + 32 = 131\ 104$$

EXAMP1

AEXAMP2

EXAMP2,

"?????????????"

DC

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METKA_2:

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START 0
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METKA_2
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END

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DC

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[METKA_1] DC A(METKA_2)
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0	EXAMP1	START	0	
		BALR	R15,0	R15 ← BEGCALC
2		USING	*,R15	
	BEGCALC	ST	RVIX,RSAVE	
6		L	15,AEXAMP2	15 ← EXAMP2
A		BALR	RVIX,15	EXAMP2
		L	RVIX,RSAVE	
10		BCR	15,RVIX	
	R15	EQU	5	
	RVIX	EQU	14	
14	AEXAMP2	DC	A(EXAMP2)	EXAMP2
18	RSAVE	DS	F	
1C	EXAMP2	EQU	*	EXAMP2
1C		L	3,A	3 ←
20		A	3,B	3 ← (+)

24		S	3,C	3 ← (+)-
28		ST	3,D	3 → D
2C		BCR	15,14	EXAMP2
30	A	DC	F' 3'	
34	B	DC	F' 4'	
38	C	DC	F' 5'	
3C	D	EQU	*	
3C		DS	F	D
40		END		

$$A(\text{EXAMP2}) = A(\text{EXAMP1}) + \underbrace{[A(\text{EXAMP2}) - A(\text{EXAMP1})]}$$

EXAMP2

EXAMP1

EXAMP2,

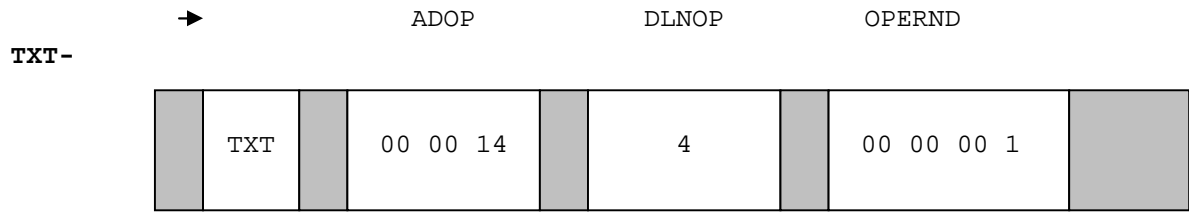
EXAMP1,

EXAMP2,

EXAMP1.

DC A(EXAMP2),

- , .7:

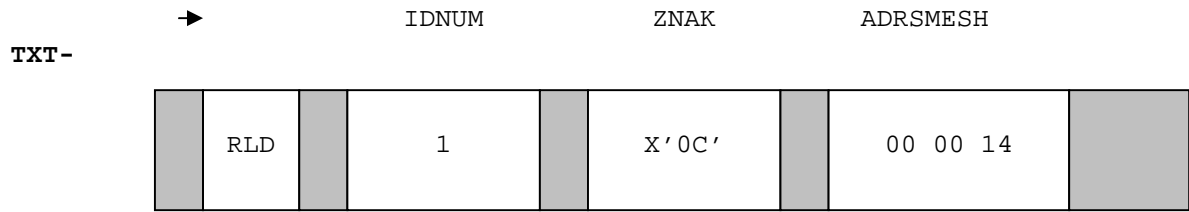


.7. TXT-

EXAMP2
00 00 00 1

EXAMP1.

RLD-



.8. RLD-

RLD-
X'0C',
X'0D')

;

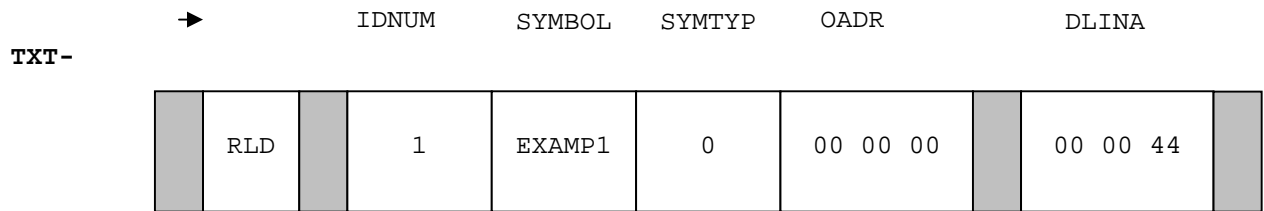
ZNAK

(ZNAK,

00 00 14

ESD-

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.9. ESD-

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[METKA_1] DC A(METKA_2)

RLD-

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[METKA_1] DC A(METKA_2)

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[METKA_1] DC A(METKA_2)

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EXTRN .

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START ,

ENTRY .

(EXAMP1 , EXAMP2 EXAMP3) ,

EXAMP2 .

EXAMP1

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0	EXAMP1	START	0	
		BALR	R15,0	R15 ← BEGCALC
2		USING	*,R15	
	BEGCALC	ST	RVIX,RSAVE	
6		L	15,AEXAMP2	15 ← EXAMP2
A		BALR	RVIX,15	EXAMP2
C		L	15,AEXAMP3	15 ← EXAMP3
10		BALR	RVIX,15	EXAMP3
12		L	RVIX,RSAVE	
16		BCR	15,RVIX	
	R15	EQU	5	
	RVIX	EQU	14	
18	AEXAMP2	DC	A(EXAMP2)	EXAMP2
		EXTRN	EXAMP2	EXAMP2
1	AEXAMP3	DC	A(EXAMP3)	EXAMP3
		EXTRN	EXAMP3	EXAMP3
20	RSAVE	DS	F	
24		END		

EXAMP2 EXAMP3

.				
0	EXAMP2	START	0	EXAMP2

		USING	*,15	
0		L	3,A	3 ←
4		A	3,B	3 ← (+)
8	CONT	S	3,C	3 ← (+)-
C		ST	3,D	3 → D
10		BCR	15,14	
14	A	DC	F'3'	
18	B	DC	F'4'	
1C	C	DC	F'5'	
20	D	EQU	*	
20		DS	F	D
24	EXAMP3	BALR	12,0	EXAMP3
		USING	*,12	
26		L	15,AEXAMP2	15 ← . . EXAMP2
2A		A	3,AB	3 ← . .
2E		L	3,0(0,3)	3 ← B
32		L	4,ACONT	4 → . . CONT
36		BCR	15,4	. CONT
38	ACONT	DC	A(CONT)	. . CONT
3C	AEXAMP2	DC	A(EXAMP2)	. . EXAMP2
40	AB	DC	A(B)	. . B
44		ENTRY	EXAMP3	EXAMP3
44		END		

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[METKA_1] ENTRY METKA_2

[METKA_1] EXTRN METKA_2

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(. . " ").

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                                ENTRY      EXTRN
                                ESD-
(ENTRY-      ) 2 (EXTRN-      ).          ,          1
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DC  A(      _      ),
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                                EXAMP1
                                EXAMP2 ,
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•      ESD-      EXAMP2 ,
•      RLD-      ,
(      EXAMP1      EXAMP2)          -
2.1.3.      -      (
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, .12.      ,
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                                , . . .      ESD, TXT, RLD
END      ,
                                -      -      -      . 13.
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                                ( .      .      3      4      )
                                .
                                :
TXT-      -      ,
                                RLD-      ,      DC  A(      ),

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END	

	IDNUM	SYMBOL	SYMTYPE	OADR	DLINA
ESD	3	EXAMP3	2	---	---

	IDNUM	ZNAK	ADRSMESH
RLD	3	X'0C'	00 00 1C

	ADOP	DLNOP	OPERAND
TXT	00 00 1C	4	00 00 00 00

	IDNUM	SYMBOL	SYMTYPE	OADR	DLINA
ESD	2	EXAMP2	2	---	---

	IDNUM	ZNAK	ADRSMESH
RLD	2	X'0C'	00 00 18

	ADOP	DLNOP	OPERAND
TXT	00 00 18	4	00 00 00 00

...

	IDNUM	SYMBOL	SYMTYPE	OADR	DLINA
ESD	1	EXAMP1	0	00 00 00	00 00

.10.

EXAMP1

END	

	IDNUM	SYMBOL	SYMTYPE	OADR	DLINA
ESD	2	EXAMP3	1	00 00 24	---

	IDNUM	ZNAK	ADRSMESH
RLD	1	X'0C'	00 00 40

	ADOP	DLNOP	OPERAND
TXT	00 00 40	4	00 00 00 18

	IDNUM	ZNAK	ADRSMESH
RLD	1	X'0C'	00 00 3C

	ADOP	DLNOP	OPERAND
TXT	00 00 3C	4	00 00 00 00

	IDNUM	ZNAK	ADRSMESH
RLD	1	X'0C'	00 00 38

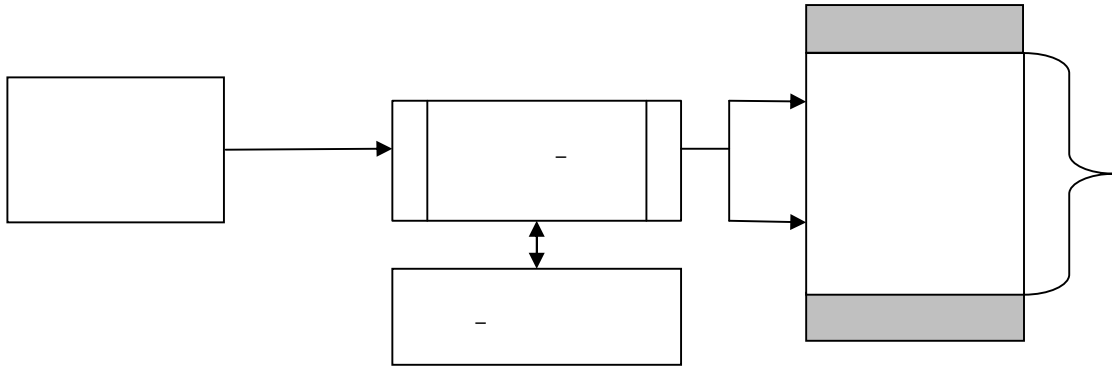
	ADOP	DLNOP	OPERAND
TXT	00 00 38	4	00 00 00 08

. . .

	IDNUM	SYMBOL	SYMTYPE	OADR	DLINA
ESD	1	EXAMP2	0	00 00 00	00 00 44

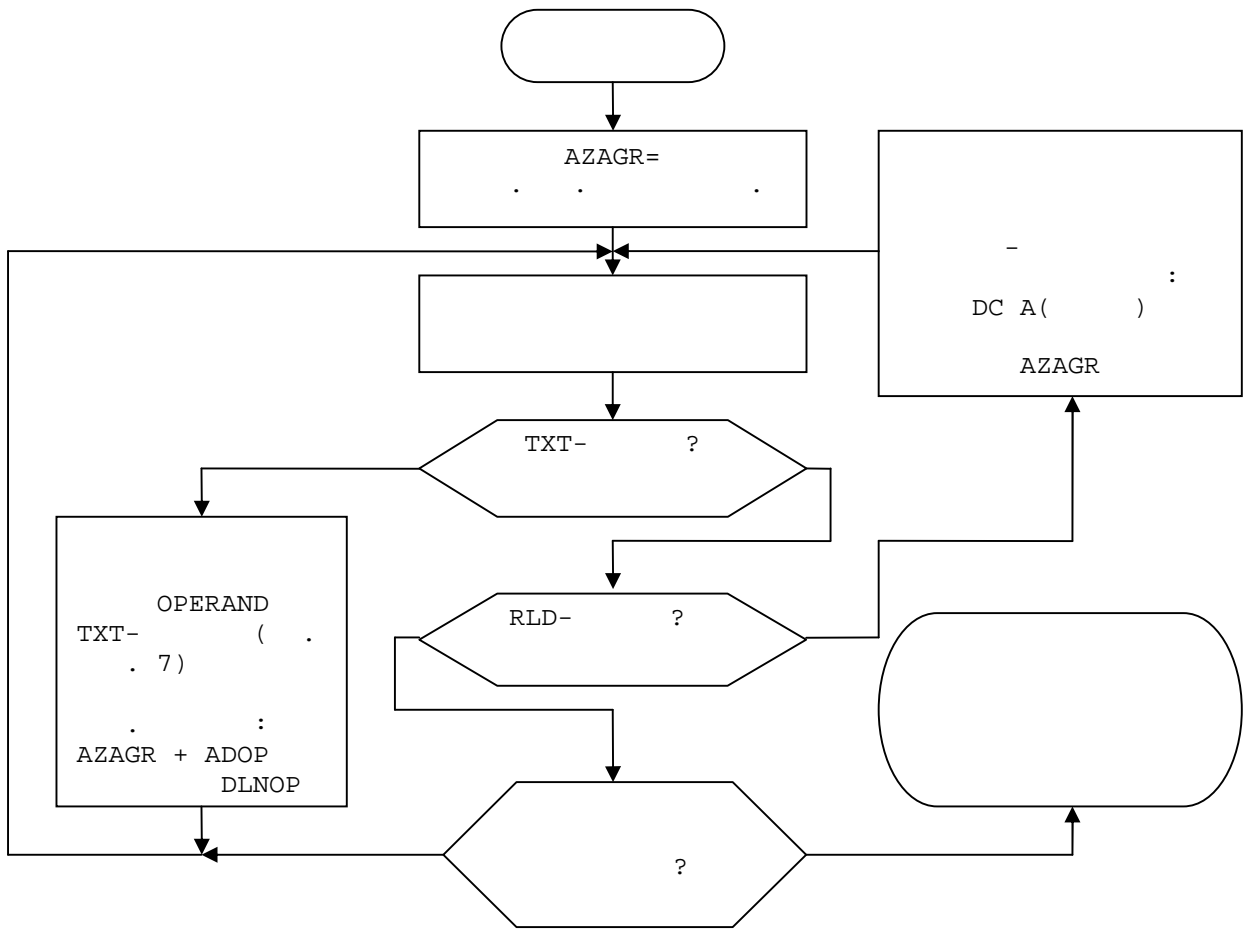
.11.

EXAMP2



.12.

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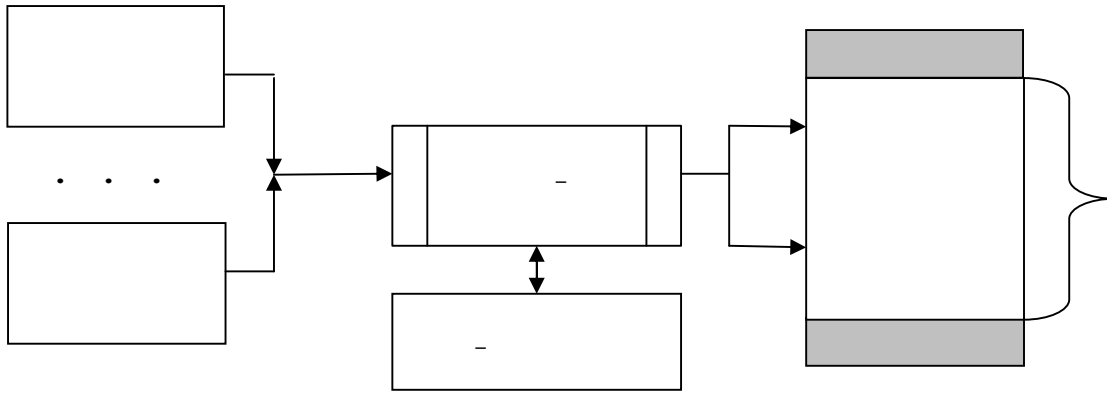
2.1.4.
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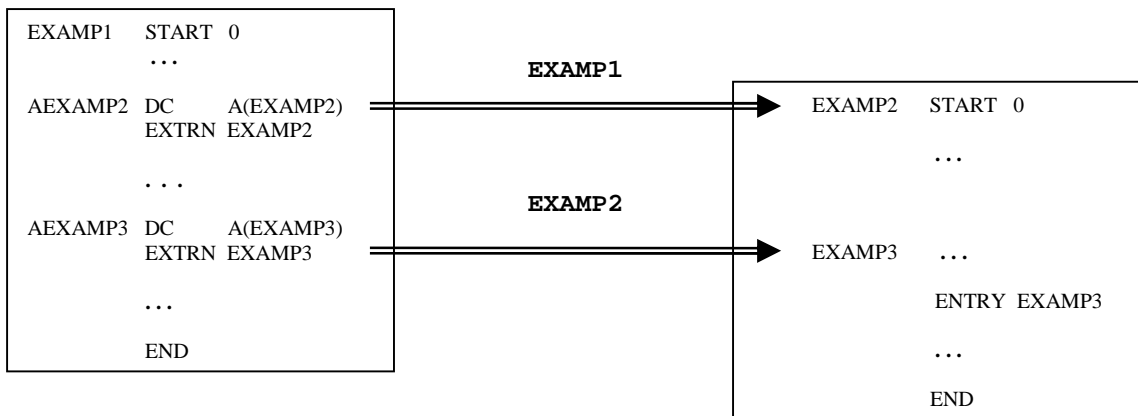
()

(TABLVSYM), (TABGVSYM),

EXAMP1 (. . 15)

EXAMP2 EXAMP3,

EXAMP2:



.15.

EXAMP1
EXAMP2, EXAMP2, EXAMP3,
- . 15

EXTRN,
START ENTRY.

EXAMP2)

EXAMP1,

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ESD-

START ENTRY,

TABGVSYM.

TABGVSYM

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EXAMP1	A1
EXAMP2	A2
EXAMP3	A3

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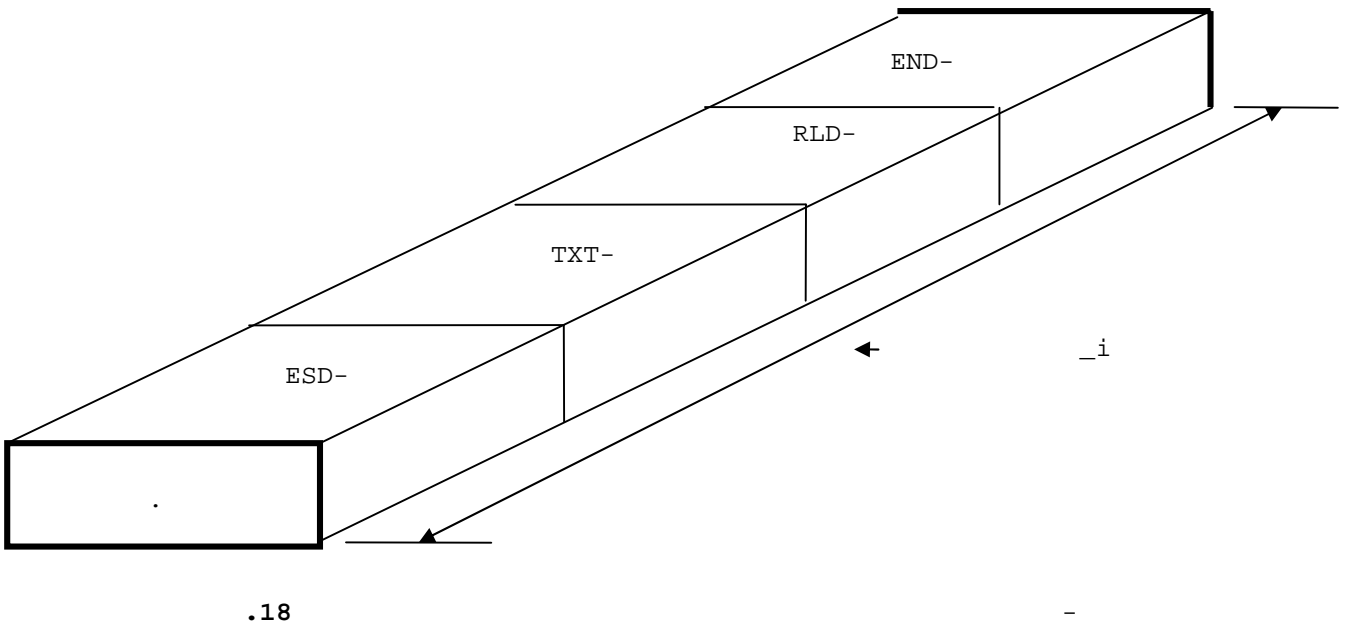
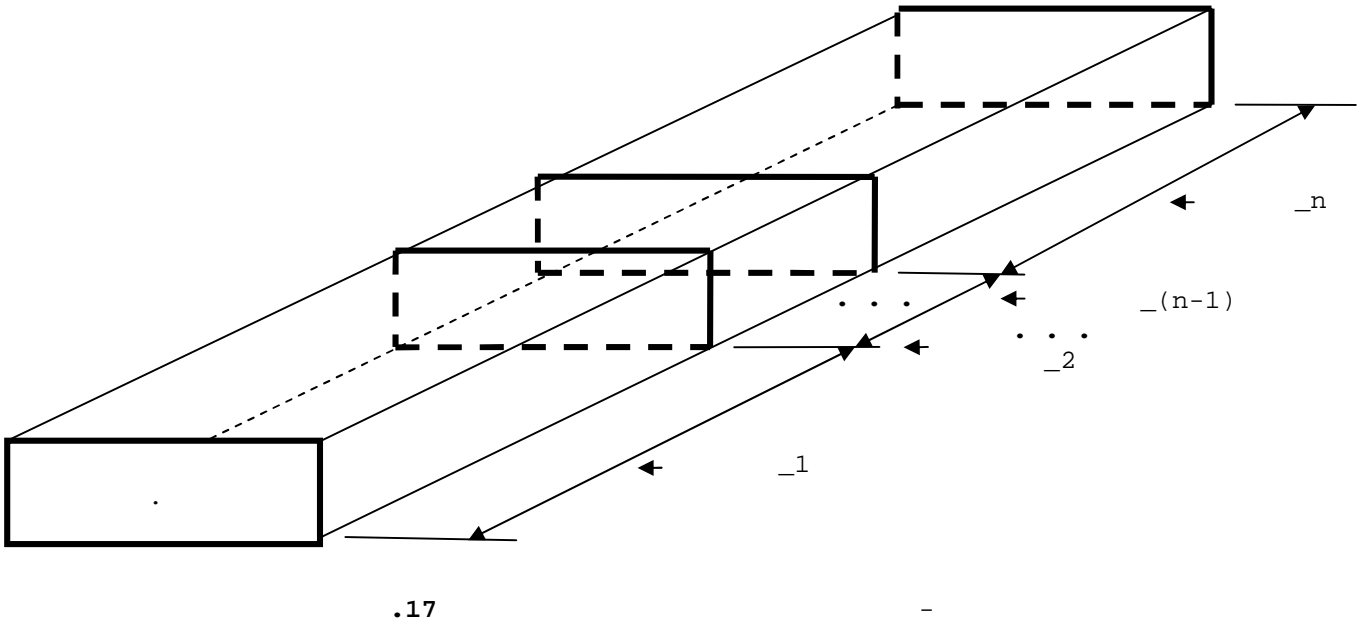
TABGVSYM.

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TABGVSYM.

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RLD- ( . 7 - . 9 )
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- ESD- , RLD- ,
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SYMBOL,
TABGVSYM.
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, ESD- , TXT- RLD- ,
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( TXT- ) . TABLVSYM ( ESD- )
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EXAMP1 EXAMP2
TABGVSYM ,

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EXAMP1 . 16, TABLVSYM
 ,
 EXAMP2 - . 19,
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.19.
 TABLVSYM. EXAMP1

.19. EXAMP2 TABLVSYM.

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 EXAMP1 EXAMP2
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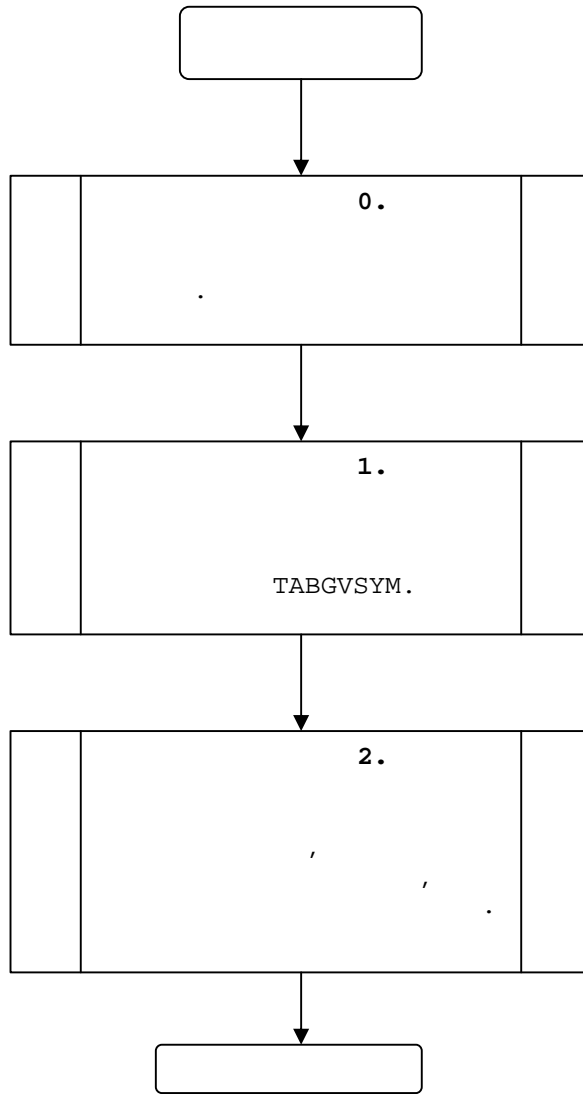
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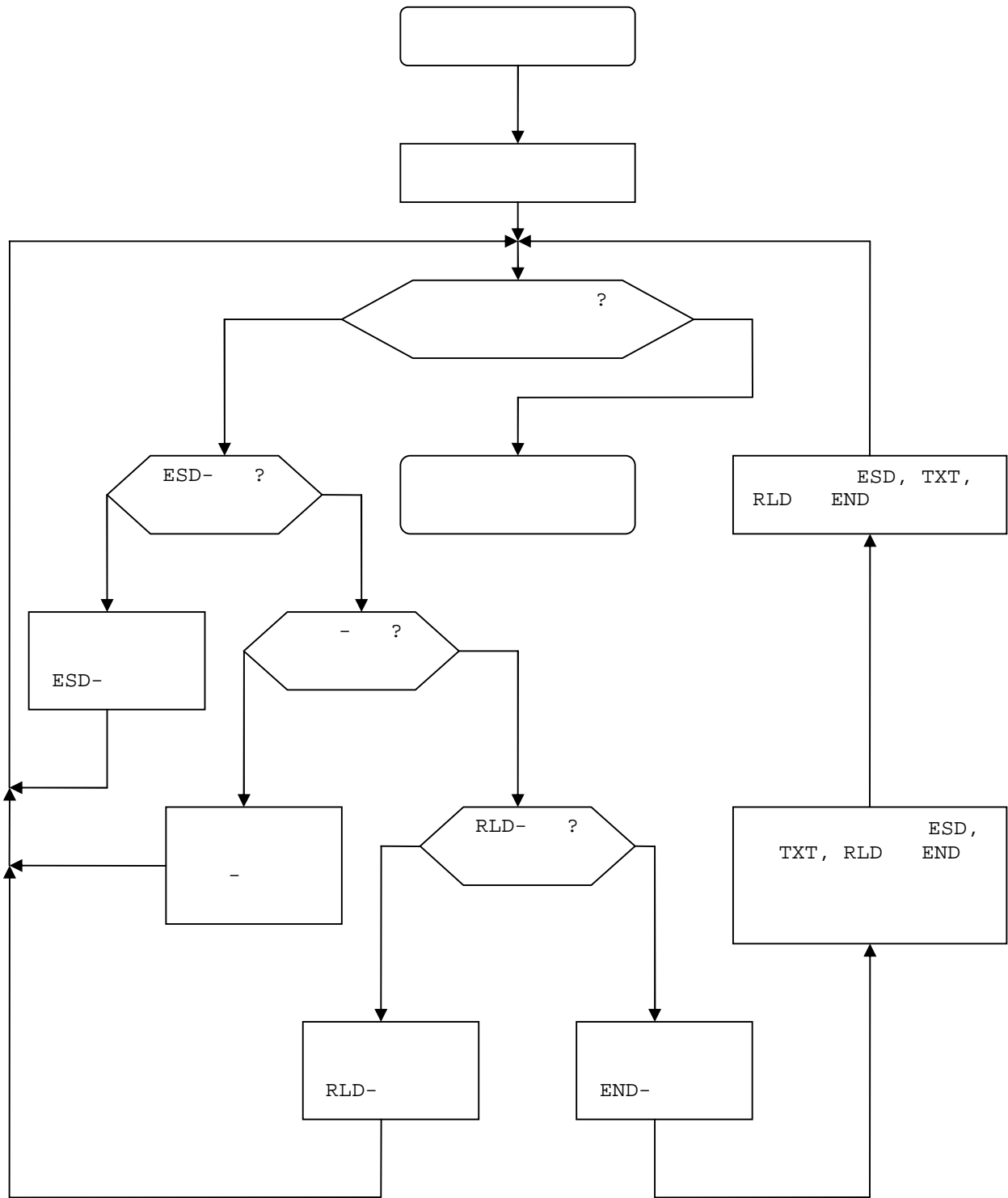
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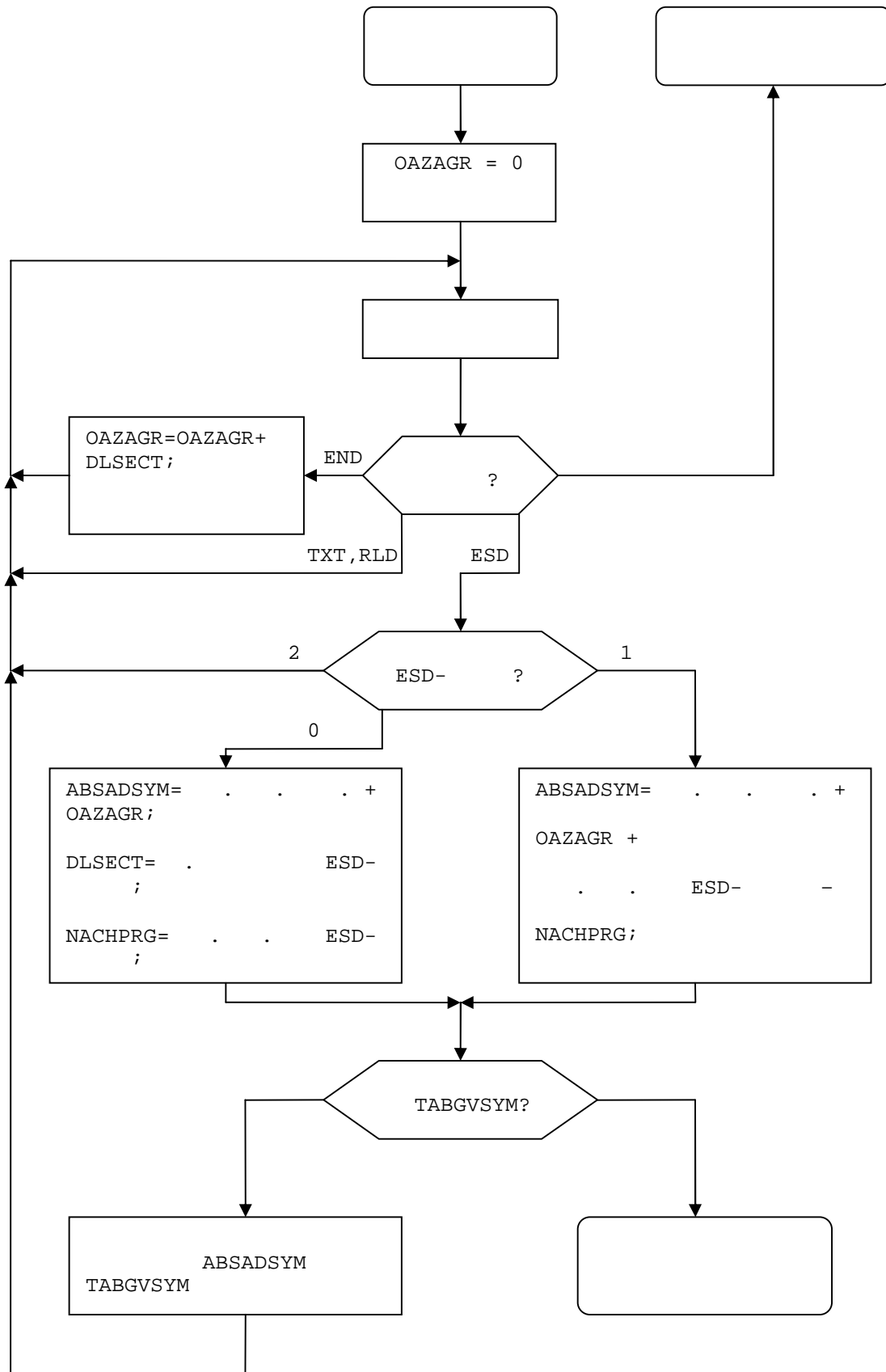
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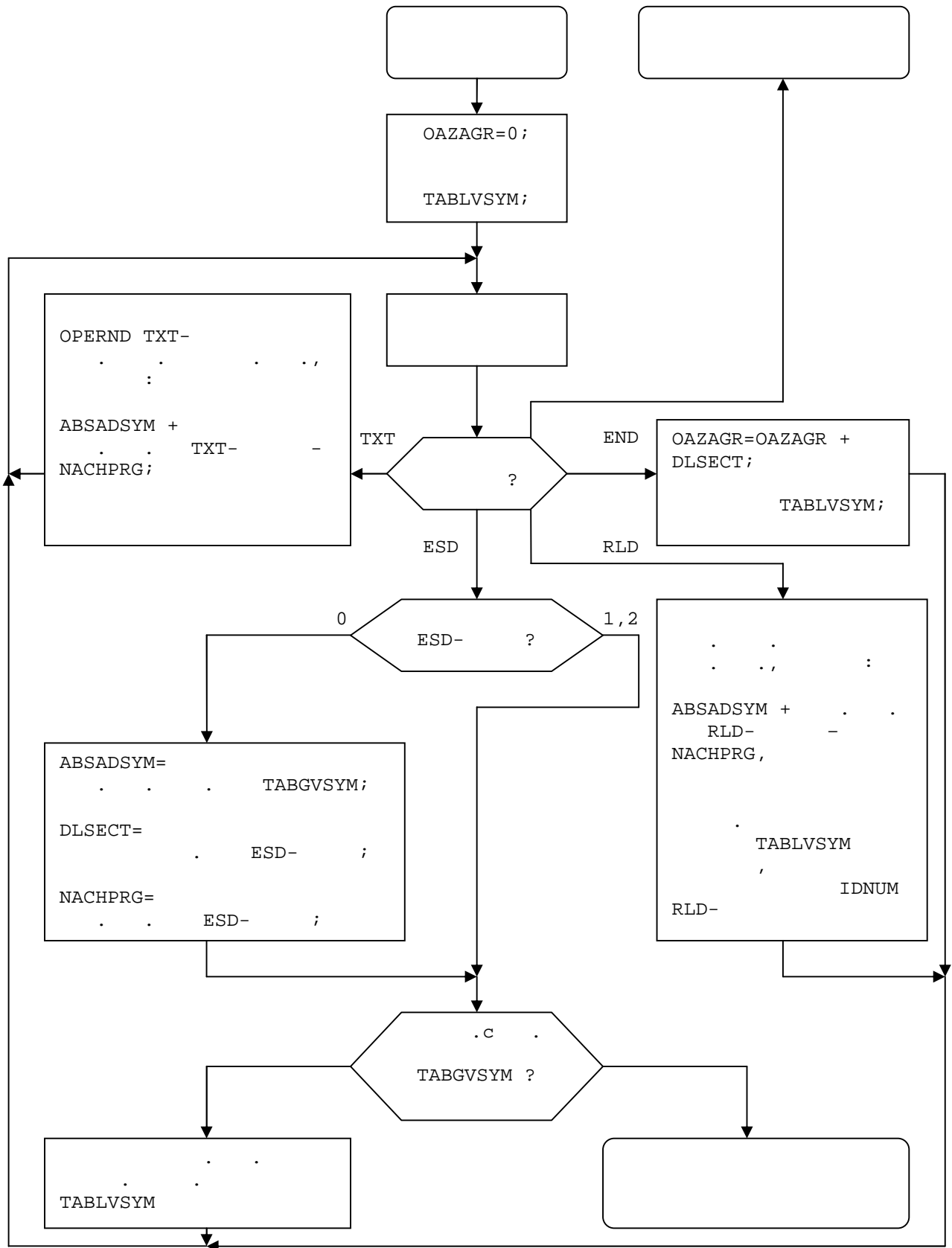
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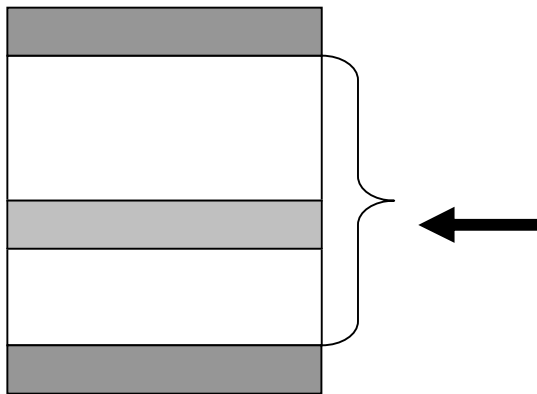
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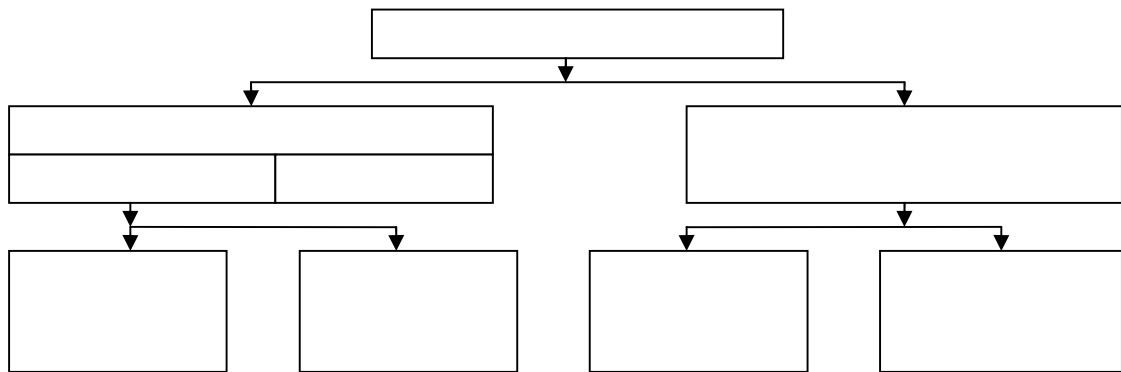
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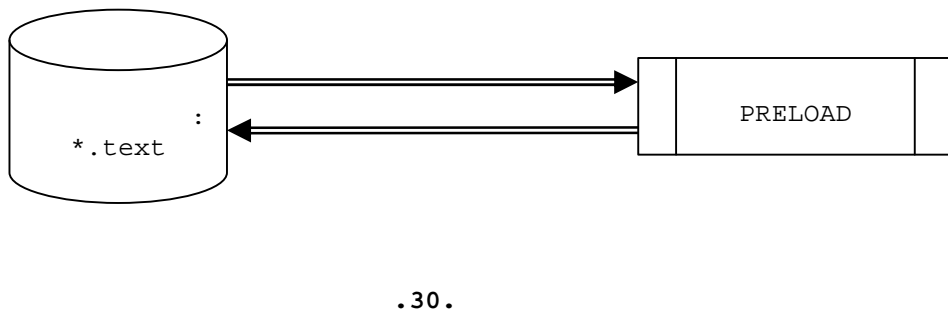
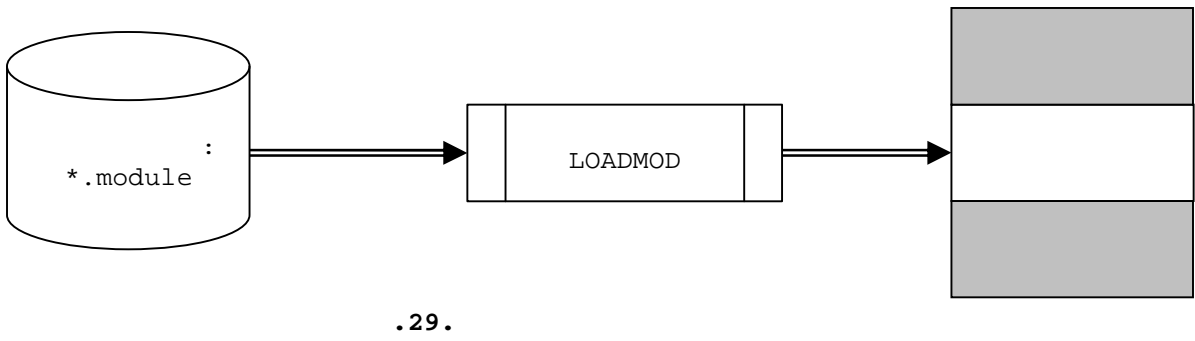
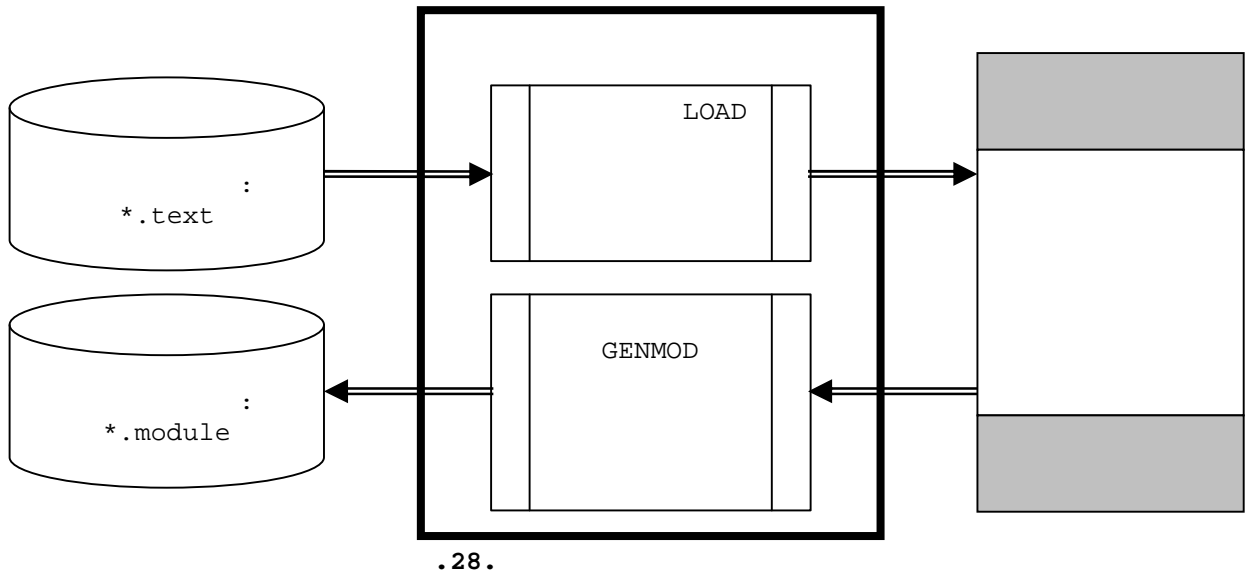
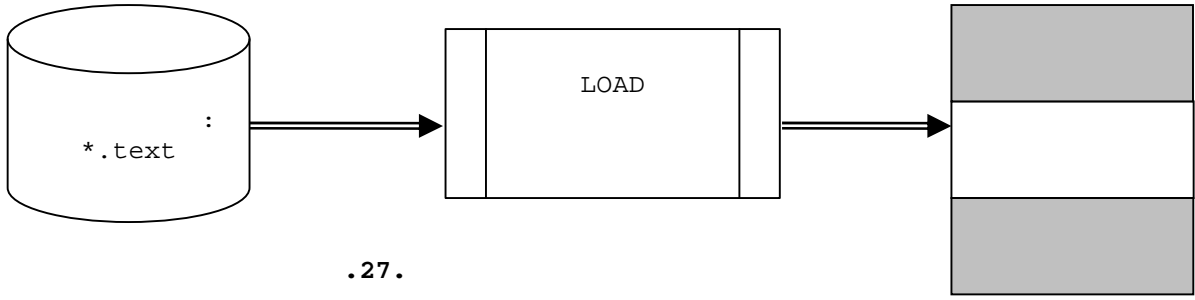
.26.

2.3.

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IBM 360/370.



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A(20k), B(20k), C(30k), D(10k), E(20k).

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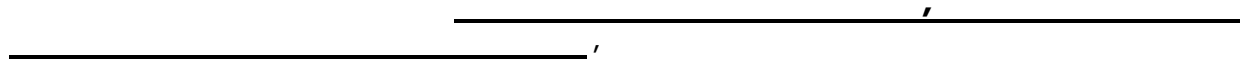
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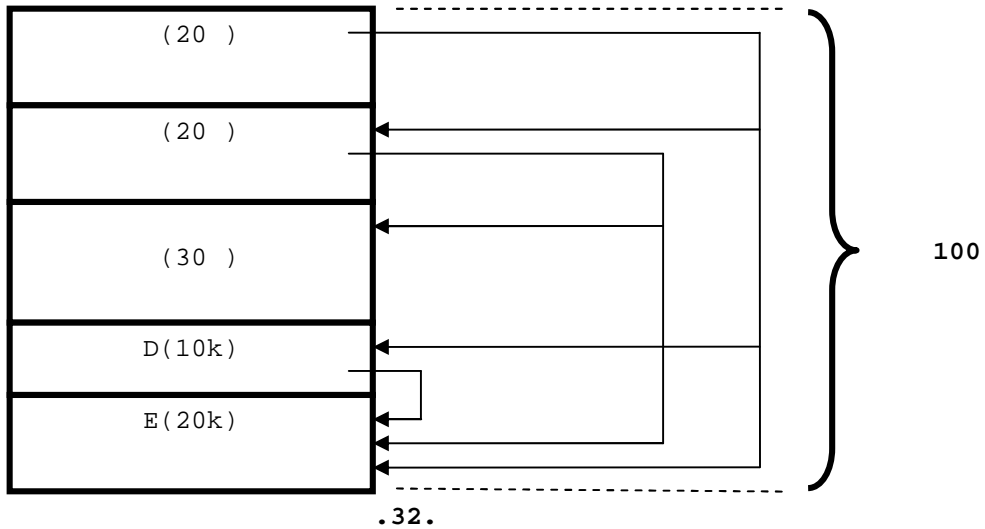
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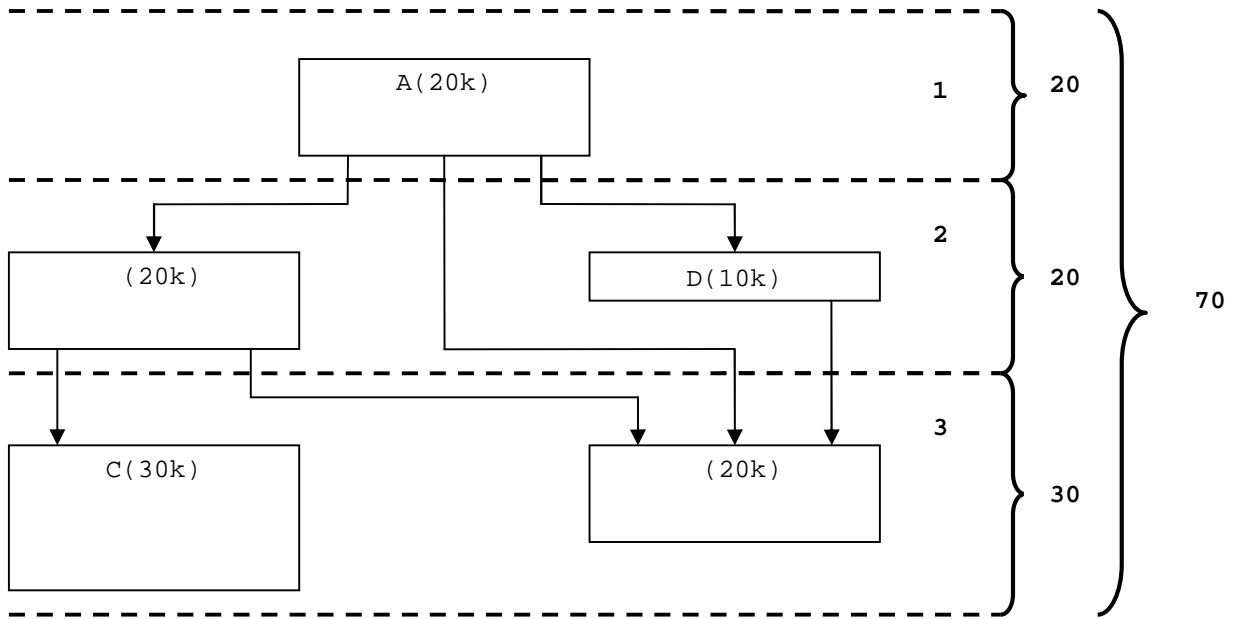
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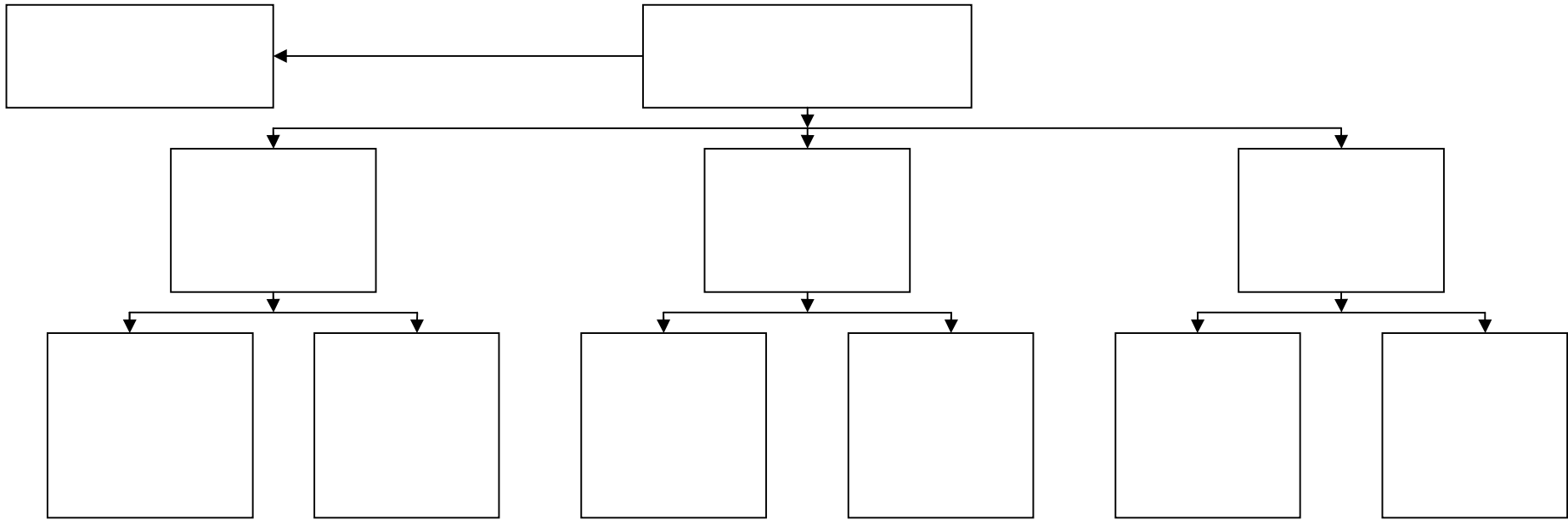
.35.

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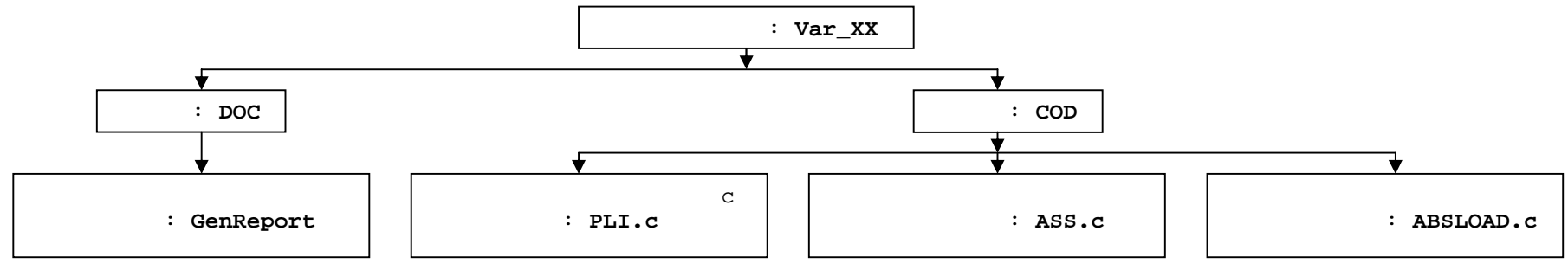
Var_XX,

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.34.



.35.