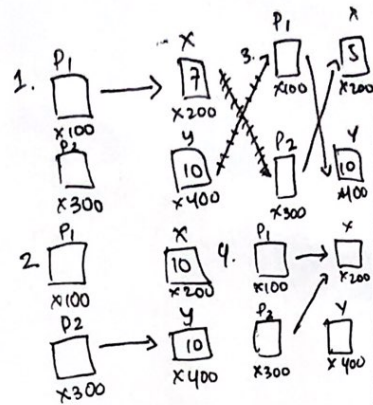
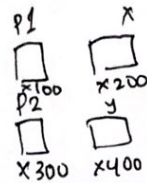


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1. Dictionary
 x, y : Integer
 p_1, p_2 : pointer to integer

Algorithm
 $x \leftarrow 5$
 $y \leftarrow 10$

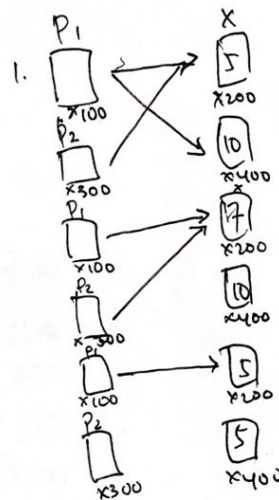
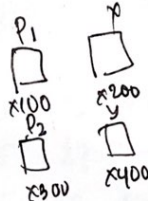
1. $p_1 \leftarrow \&x$
 $*p_1 \leftarrow 7$
2. $p_2 \leftarrow \&y$
 $x \leftarrow *p_2$
3. $x \leftarrow y$
 $p_1 \leftarrow \&y$
 $p_2 \leftarrow \&x$
4. $p_2 \leftarrow \&x$
 $p_1 \leftarrow p_2$
 $*p_2 \leftarrow 6$



2. Dictionary
 x, y : Integer
 p_1, p_2 : pointer to integer

Algorithm
 $x \leftarrow 5$
 $y \leftarrow 10$

1. $p_1 \leftarrow \&y$
 $p_2 \leftarrow \&x$
 $*p_1 \leftarrow *p_2$
2. $p_2 \leftarrow \&x$
 $*p_2 \leftarrow 7$
 $p_1 \leftarrow p_2$
3. $p_1 \leftarrow \&x$
 $*p_1 \leftarrow y$



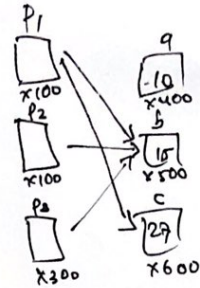
3. Dictionary

a, b, c: Integer

P1, P2, P3: pointer to integer

Algorithm

a	b	c	P1	P2	P3
a ← 10	10	15	-	-	-
b ← 15	10	15	x500	-	-
P1 ← &b	10	15	x500	x500	-
P2 ← P1	10	15	27	x500	-
c ← 27	10	15	27	x600	x500
P1 ← &c	27	15	27	x600	x500
a ← *P1	27	15	27	x600	x500
P3 ← &b	27	8	27	x600	x500
*P2 ← 8					



4. Dictionary

a, b, c: Integer

P1, P2, P3: pointer to integer

Algorithm

a	b	c	P1	P2	P3
a ← 10	10	15	27	-	-
b ← 15	10	15	27	x400	x500
c ← 27	10	15	27	x400	x500
P1 ← &a	10	15	10	x400	x500
P2 ← &b	15	15	10	x400	x500
*P1 ← c	15	6	10	x400	x500
a ← *P2	15	6	10	x400	x500
b ← b	15	6	10	x400	x500
P3 ← &b	15	6	10	x400	x500
P3 ← &c	15	6	10	x400	x500
*P1 ← *P3					