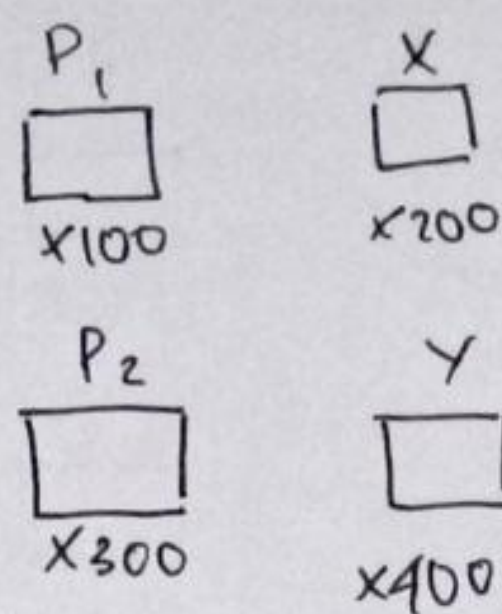


1. Dictionary
 x, y : Integer
 P_1, P_2 : pointer to Integer

Algorithm

$x \leftarrow 5$

$y \leftarrow 10$



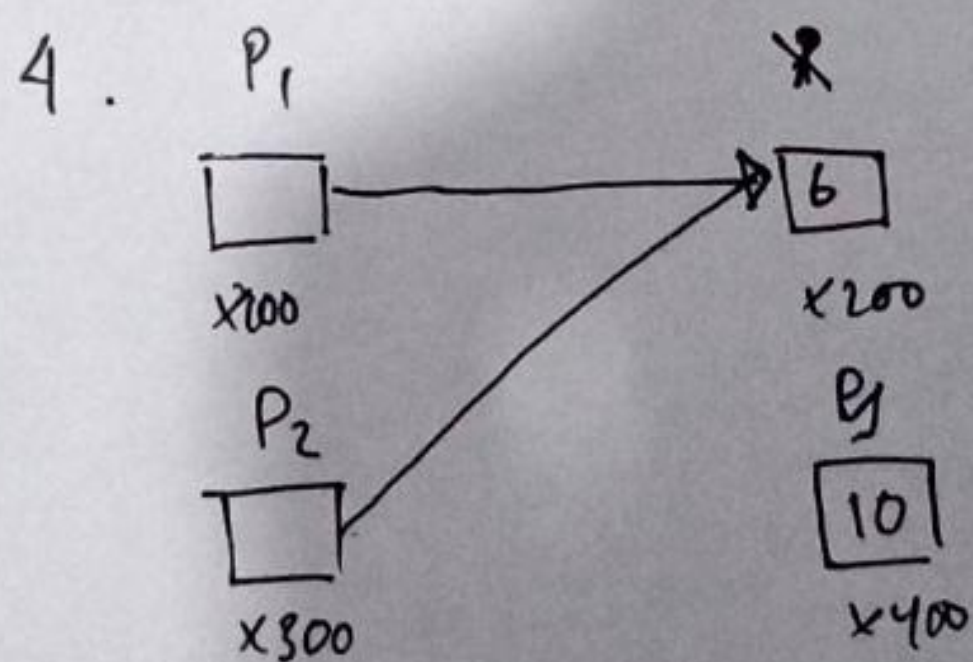
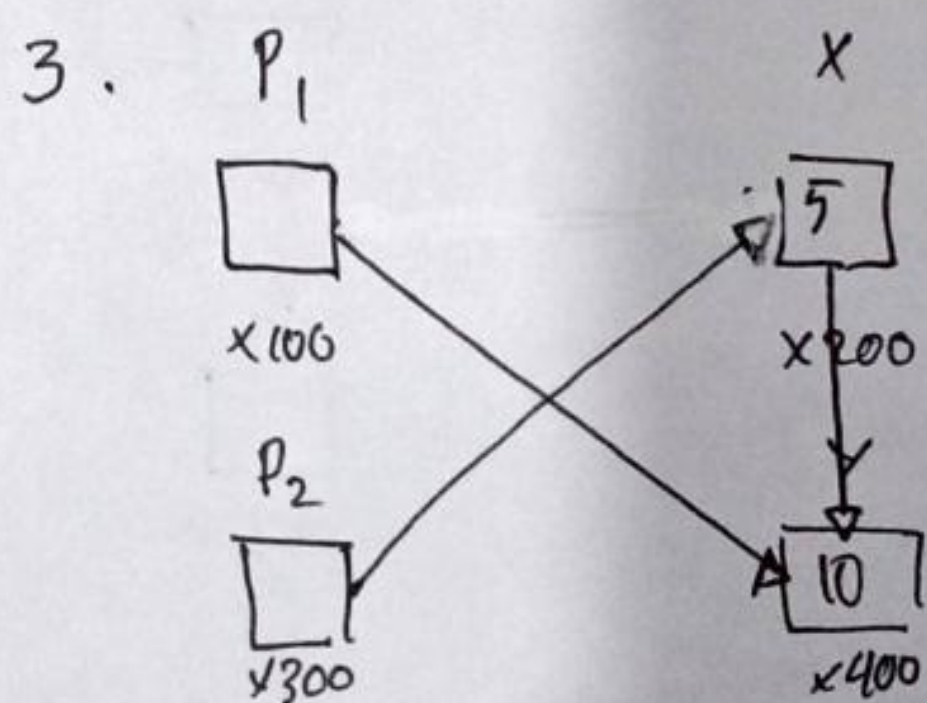
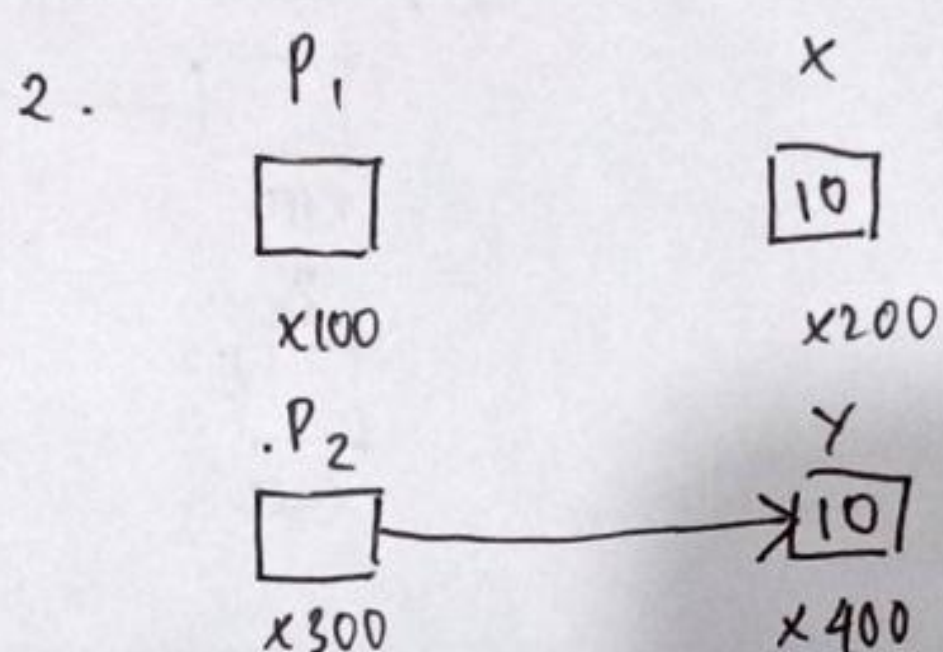
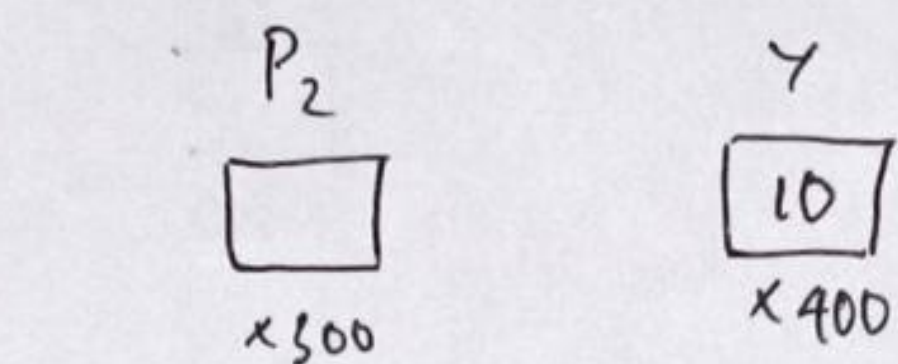
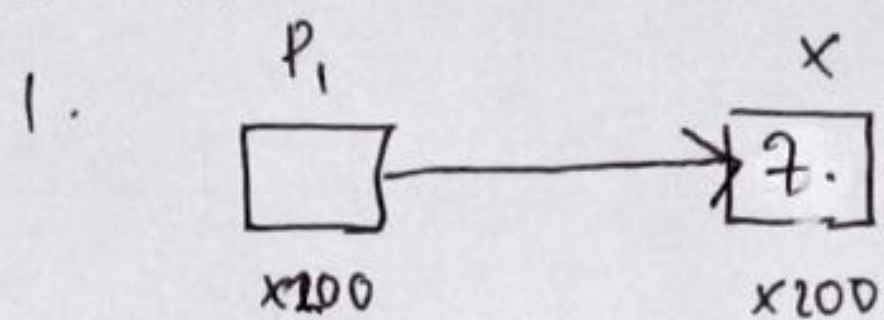
1. $P_1 \leftarrow \&x$
 $*P_1 \leftarrow 7$

2. $P_2 \leftarrow \&y$
 $x \leftarrow *P_2$

3. $x \leftarrow y$
 $P_1 \leftarrow \&y$
 $P_2 \leftarrow \&x$

4. $P_2 \leftarrow \&x$
 $P_1 \leftarrow P_2$
 $*P_2 \leftarrow 6$

Jawab:



2. Dictionary

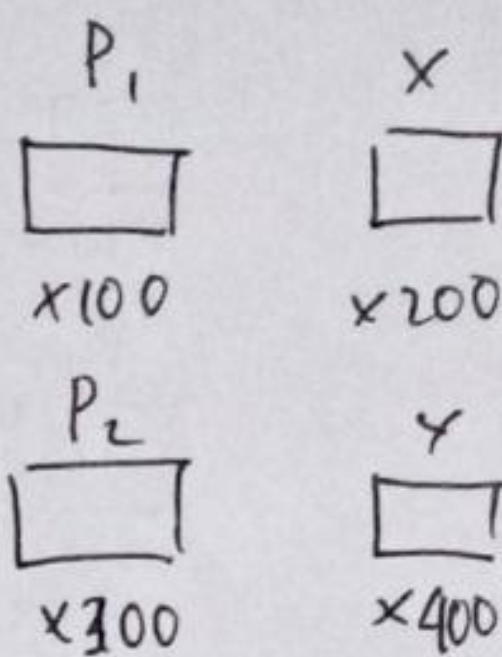
x, y : Integer

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. $p_2 \leftarrow \&x$

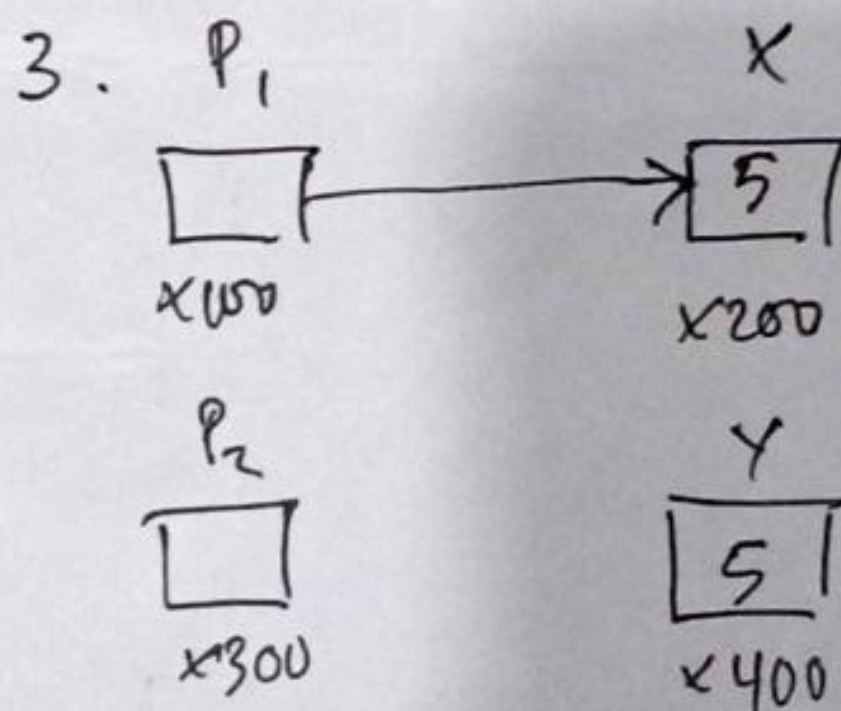
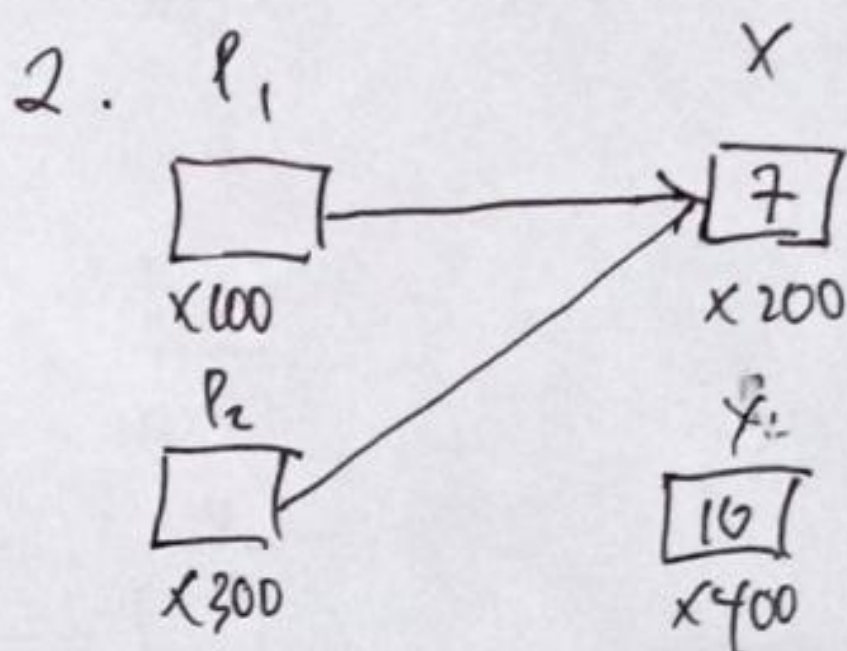
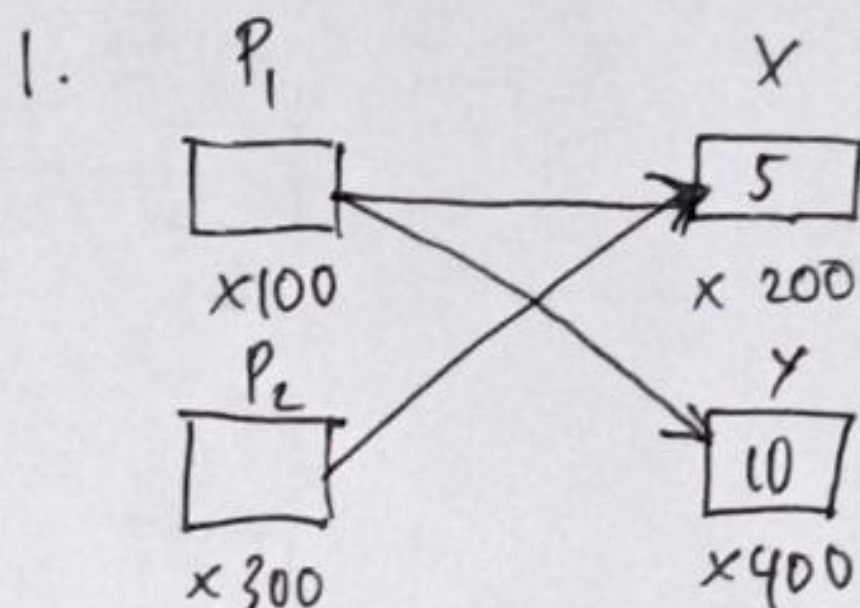
$*p_2 \leftarrow 7$

$p_1 \leftarrow p_2$

3. $p_1 \leftarrow \&x$

$*p_1 \leftarrow y$

Jawab:



9.

Dictionary

a, b, c : Integer

P_1, P_2, P_3 : Pointer to Integer

Algorithm

$a \leftarrow 10$

$b \leftarrow 15$

$P_1 \leftarrow \&b$

$P_2 \leftarrow P_1$

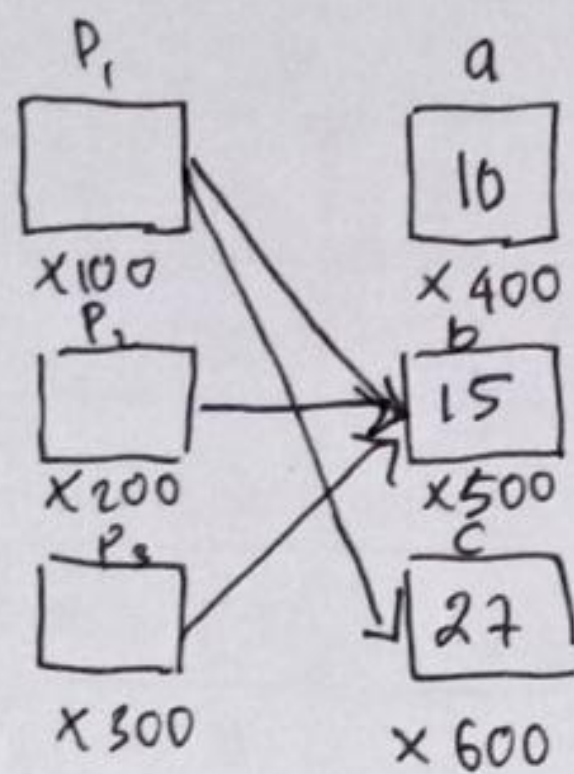
$c \leftarrow 27$

$P_1 \leftarrow \&c$

$a \leftarrow *P_1$

$P_3 \leftarrow \&b$

$*P_2 \leftarrow 8$



a	b	c	P_1	P_2	P_3
10	15	-	-	-	-
10	15	-	0x6FFdF8	-	-
10	15	-	0x6FFdF8	0x6FFdF8	-
10	15	27	0x6FFdF8	0x6FFdF8	-
10	15	27	0x6FFde8	0x6FFdF8	-
27	15	27	0x6FFde8	0x6FFdF8	-
27	15	27	0x6FFde8	0x6FFdF8	0x6FFdF8
27	8	27	0x6FFde8	0x6FFdF8	0x6FFdF8

A. Dictionary

a, b, c : Integer

P_1, P_2, P_3 : pointer to Integer

Algorithm

$a \leftarrow 10$

$b \leftarrow 15$

$c \leftarrow 27$

$P_1 \leftarrow \&a$

$P_2 \leftarrow \&b$

$*P_1 \leftarrow c$

$a \leftarrow *P_2$

$b \leftarrow 6$

$P_3 \leftarrow \&b$

$P_3 \leftarrow \&c$

$*P_1 \leftarrow *P_3$

a	b	c	P_1	P_2	P_3
10	15	27	—	—	—
10	15	27	0x6FFdE8	—	—
10	15	27	0x6FFdE8	0x6FFdF0	—
10	15	10	0x6FFdE8	0x6FFdF0	—
15	15	10	0x6FFdE8	0x6FFdF0	—
15	6	10	0x6FFdE8	0x6FFdF0	—
15	6	10	0x6FFdE8	0x6FFdF0	0x6FFdE8
15	6	10	0x6FFdE8	0x6FFdF0	0x6FFdE8