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Sistem Informasi

Dictionary

X,y : integer

P1, P2 : pointer to integer

Algorithm

X <- 5

Y <- 10

|  |  |  |
| --- | --- | --- |
|  | P1 <- &x  \*P1 <- 7 | P1 X  7  X200 x200  P2 Y  10  X300 X400 |
|  | P2 <- &y  X <- \*P2 | P1 X  10  X200 x200  P2 Y  10  X400 X400 |
|  | X <- Y  P1 <- &y  P2 <- &x | P1 X  X400  10  X100 x200  P2 Y  10  X200  X300 X400 |
|  | p2 <- &x  p1 <-p2  \*p2 <- 6 | P1 X  6  X200 x200  P2 Y  10  X200 X400 |
|  | p1 <- &y  p2 <-&x  \*p1 <- \*p2 | P1 X  5  X400 x200  P2 Y  5    X200 X400 |
|  | p2 <- &x  \*p2 <- 7  p1 <- p2 | P1 X  7  X200 x200  P2 Y  5    X200 X400 |
|  | p1 <- &x  \*p1 <- y | P1 X  5  X200 x200  P2 Y  5    X300 X400 |

Dictionary

a, b, c : integer

p1,p2,p3 : pointer to integer

Algorithm

a <- 10

b <-15

p1 <- &b

p2 <-p1

c <- 27

p1  &c

a  \*p1

p3  &b

\*p2  8

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A | B | C | P1 | P2 | P3 |
| 10 | 15 | 27 | 0x6ffdf0 | 0x6ffdf0 | 0x6ffdf0 |
| 27 | 6 |  | 0x6ffdec | 0x6ffdf0 | 0x6ffdf0 |
| 8 |  |  | 0x6ffdf4 | 0x6ffdf0 | 0x6ffdec |
| 6 |  |  | 0x6ffdf4 | 0x6ffdf0 |  |
|  |  |  | 0x6ffdf4 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |