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NPM : G1F021005

Matkul : Algoritma & Struktur Data

1. P1 &X

\*P1 7

P1 X



7

X100 X200

P2 Y



10

X300 X400

1. P2 &Y

X  \*P2

P1 X



10

X100 X200

P2 Y



10

X300 X400

1. X Y

P1 &Y

P2 &X

P1 X



10

X100 X200

P2 Y



10

X300 X400

1. P2 &X

P1  P2

\*P2 6

P1 X

6

 X200

X100

P2 Y

10

 X400

X300

1. P1 &Y

P2 &X

\*P1\*P2

P1 X



6

X100 X200

P2 Y



6

X300 X400

1. P2 &X

\*P2 7

P1  P2

P1 X



7

X100 X200

P2 Y



6

X300 X400

1. P1 &X

\*P1 Y

P1 X

6



X100 X200

P2 Y



6

X200 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.

Algorithm

A <- 10

B <- 15

c <- 27

p1 <- &a

p2 <- &b

\*p1 <- c

a <- \*p2

b <- 6

p3 <- &b

p3 <- &c

\*p1 <- \*p3

Wht is the Output?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| a | b | c | P1 | P2 | P3 |
| 10 | 15 | 27 | 15 | 15 | 15 |
| 27 | 6 |  | 27 | 8 | 15 |
| 8 |  |  | 27 | 8 | 6 |
| 6 |  |  | 27 | 27 | 27 |
|  |  |  | 27 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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