ILU: INF011595 zadanie: sem

gbbal:

151 - Lowtrolye Z1

52 -> bontiduge Z2

V(S) otion remajor+1

P(S) zamlenij semafor-1 czely na semafor

Z1

init() use()

P1

init (21) V(Š1)

P(S2) une(Z2)

P2

P(S1) we(21)

init (Z2) V(S2)

pamięć

Zmlenne

sewater

A =1

B=5

(=10

Z=0

P2

A=2C

P3

C = A + B

dep: A,B,C

P4

SRESC ZADAMIA>

P1

A=A+B

3=2B+C

(=0

B = 2A

Z= A+B+C

a)

P1 P(S) A=A+B B=2B+C P2
P(5)
A=2C
C=0

P3 P(5) C=A+B B=2A

P4 Z=A+B+C ->Z=16 V(s) V(s) V(s)

6)

pamize (stan pocrations)

zmenne sewdor

$$A = A$$
 $S_1 = O$
 $B = 5$ $S_2 = O$
 $C = AO$ $S_c = O$
 $Z = O$

2=22

P1 A = A + B $V(S_1)$ A = 5 + 1 = 6 B = 5 C = 10 A = 2C C = 0

 $P(S_1)$ C = A + B $V(S_2)$ $P(S_2)$ B = 2A A = 6 B = 5 C = 6+5=M

 $P(S_2)$ Z = A + B + C $V(S_2)$ $V(S_2)$ $V(S_2)$ $V(S_3)$

| | 1 |
|---|---|
| C | |

pamies (stan pocceptions)

zwienne seweley

$$A = A$$
 $S_1 = 0$
 $B = 5$ $S_2 = 0$
 $C = A0$ $S_c = 0$
 $Z = 0$

$$\begin{array}{c}
P1 \\
P(S_1) \\
A = A + B & A=20 \\
V(S_2) & B=5 \\
C=40
\end{array}$$

$$P(S) \\
B = 2B + C$$

$$A = 2C \underset{\beta=5}{A=20}$$

$$V(S_1) \underset{C=40}{C=40}$$

$$P(S_2) \underset{C=0}{C=0} \underset{\beta=5}{I} 3:$$

$$V(S_3) \underset{\beta=5}{A=25} \underset{C=0}{C=0}$$

P2

$$P(S_3)$$

$$Z = A + B + C$$

$$V(S)$$

$$V(S)$$

if4: Z=25+5+0=30



pamilé (stan początkowy)

zmiennie sewofny

$$A = A$$
 $S_1 = O$
 $B = 5$ $S_2 = O$
 $C = AO$ $S_3 = O$
 $Z = O$ $S = O$

cel: 2=24

$$P1$$

$$P(S_1)$$

$$A = A + B$$

$$V(S_2)$$

$$P(S)$$

$$3 = 2B + C$$