

MEM STORAGE 8
ZEXP FUNCTION RN1,C12
0,0/.2,.22/.4,.51/.5,.69/.6,.92/.7,1.2/.8,1.61
.9,2.3/.95,3/.99,4.6/.999,6.9/1,100
GENERATE 2,FN\$ZEXP,,500
TEST L Q\$A11,5,POTERI
QUEUE A11
ENTER MEM,1
DEPART A11
MET6 QUEUE A2
TRANSFER BOTH,MET1,MET2
MET1 SEIZE CPU1
DEPART A2
ADVANCE 5,FN\$ZEXP
RELEASE CPU1
TRANSFER,MET3
MET2 SEIZE CPU2
DEPART A2
ADVANCE 1,FN\$ZEXP
RELEASE CPU2
MET3 TRANSFER .6,MET5,MET4
MET4 QUEUE A3
SEIZE DISK
DEPART A3
ADVANCE 5,3
RELEASE DISK
TRANSFER,MET6
MET5 LEAVE MEM,1
TRANSFER ,VIHOD

POTERI TERMINATE
VIHOD TERMINATE
GENERATE 300
TERMINATE 1
START 500

GPSS World Simulation Report - Untitled Model 1.2.1

Tuesday, May 23, 2023 00:55:42

| | | | | |
|------------|------------|--------|------------|----------|
| START TIME | END TIME | BLOCKS | FACILITIES | STORAGES |
| 0.000 | 150000.000 | 29 | 3 | 1 |

| NAME | VALUE |
|--------|-----------|
| A11 | 10002.000 |
| A2 | 10003.000 |
| A3 | 10006.000 |
| CPU1 | 10004.000 |
| CPU2 | 10005.000 |
| DISK | 10007.000 |
| MEM | 10000.000 |
| MET1 | 8.000 |
| MET2 | 13.000 |
| MET3 | 17.000 |
| MET4 | 18.000 |
| MET5 | 24.000 |
| MET6 | 6.000 |
| POTERI | 26.000 |
| VIHOD | 27.000 |
| ZEXP | 10001.000 |

| LABEL | LOC | BLOCK TYPE | ENTRY COUNT | CURRENT | COUNT | RETRY |
|--------|-----|------------|-------------|---------|-------|-------|
| | 1 | GENERATE | 500 | | 0 | 0 |
| | 2 | TEST | 500 | | 0 | 0 |
| | 3 | QUEUE | 174 | | 0 | 0 |
| | 4 | ENTER | 174 | | 0 | 0 |
| | 5 | DEPART | 174 | | 0 | 0 |
| MET6 | 6 | QUEUE | 422 | | 0 | 0 |
| | 7 | TRANSFER | 422 | | 0 | 0 |
| MET1 | 8 | SEIZE | 197 | | 0 | 0 |
| | 9 | DEPART | 197 | | 0 | 0 |
| | 10 | ADVANCE | 197 | | 0 | 0 |
| | 11 | RELEASE | 197 | | 0 | 0 |
| | 12 | TRANSFER | 197 | | 0 | 0 |
| MET2 | 13 | SEIZE | 225 | | 0 | 0 |
| | 14 | DEPART | 225 | | 0 | 0 |
| | 15 | ADVANCE | 225 | | 0 | 0 |
| | 16 | RELEASE | 225 | | 0 | 0 |
| MET3 | 17 | TRANSFER | 422 | | 0 | 0 |
| MET4 | 18 | QUEUE | 248 | | 0 | 0 |
| | 19 | SEIZE | 248 | | 0 | 0 |
| | 20 | DEPART | 248 | | 0 | 0 |
| | 21 | ADVANCE | 248 | | 0 | 0 |
| | 22 | RELEASE | 248 | | 0 | 0 |
| | 23 | TRANSFER | 248 | | 0 | 0 |
| MET5 | 24 | LEAVE | 174 | | 0 | 0 |
| | 25 | TRANSFER | 174 | | 0 | 0 |
| POTERI | 26 | TERMINATE | 326 | | 0 | 0 |
| VIHOD | 27 | TERMINATE | 174 | | 0 | 0 |
| | 28 | GENERATE | 500 | | 0 | 0 |

| | | | | | | | | | | |
|----------|---------|------------|-----------|----------|-----------|-----------|--------|----------|-------|-------|
| | | 28 | GENERATE | 500 | 0 | 0 | | | | |
| | | 29 | TERMINATE | 500 | 0 | 0 | | | | |
| FACILITY | ENTRIES | UTIL. | AVE. | TIME | AVAIL. | OWNER | PEND | INTER | RETRY | DELAY |
| CPU1 | 197 | 0.006 | 4.880 | 1 | | 0 | 0 | 0 | 0 | 0 |
| CPU2 | 225 | 0.001 | 0.976 | 1 | | 0 | 0 | 0 | 0 | 0 |
| DISK | 248 | 0.009 | 5.154 | 1 | | 0 | 0 | 0 | 0 | 0 |
| QUEUE | MAX | CONT. | ENTRY | ENTRY(0) | AVE.CONT. | AVE.TIME | | AVE.(-0) | RETRY | |
| A11 | 5 | 0 | 174 | 36 | 0.029 | 24.909 | | 31.408 | 0 | |
| A2 | 2 | 0 | 422 | 402 | 0.000 | 0.023 | | 0.479 | 0 | |
| A3 | 7 | 0 | 248 | 16 | 0.044 | 26.352 | | 28.170 | 0 | |
| STORAGE | CAP. | REM. | MIN. | MAX. | ENTRIES | AVL. | AVE.C. | UTIL. | RETRY | DELAY |
| MEM | 8 | 8 | 0 | 8 | 174 | 1 | 0.060 | 0.008 | 0 | 0 |
| FEC XN | PRI | BDT | ASSEM | CURRENT | NEXT | PARAMETER | | VALUE | | |
| 1001 | 0 | 150300.000 | 1001 | 0 | 28 | | | | | |

ZEXP FUNCTION RN1,C12

0,0/.2,.22/.4,.51/.5,.69/.6,.92/.7,1.2/.8,1.61

.9,2.3/.95,3/.99,4.6/.999,6.9/1,500

GENERATE 6,FN\$ZEXP

TRANSFER .2,MET2,MET1

MET2 TRANSFER .25,MET4,MET3

MET4 TRANSFER .333,MET6,MET5

MET6 TRANSFER .5,MET8,MET7

MET1 TEST L Q\$OCH1,5,OUT

QUEUE OCH1

SEIZE DISK1

DEPART OCH1

ASSIGN 1,DISK1

ADVANCE 25,25

TRANSFER ,MET9

MET3 TEST L Q\$OCH2,5,OUT

QUEUE OCH2

SEIZE DISK2

DEPART OCH2

ASSIGN 1,DISK2

ADVANCE 25,25

TRANSFER ,MET9

MET5 TEST L Q\$OCH3,5,OUT

QUEUE OCH3

SEIZE DISK3

DEPART OCH3

ASSIGN 1,DISK3

ADVANCE 25,25

TRANSFER ,MET9

MET7 TEST L Q\$OCH4,5,OUT

QUEUE OCH4

SEIZE DISK4

DEPART OCH4

ASSIGN 1,DISK4

ADVANCE 25,25

TRANSFER ,MET9

MET8 TEST L Q\$OCH5,5,OUT

QUEUE OCH5

SEIZE DISK5

DEPART OCH5

ASSIGN 1,DISK5

ADVANCE 25,25

TRANSFER ,MET9

MET9 QUEUE OCH6

SEIZE CAN

DEPART OCH6

ADVANCE 7,7

RELEASE CAN

RELEASE P1

TERMINATE

OUT TERMINATE

GENERATE 150000

TERMINATE 1

START 1

Tuesday, May 23, 2023 01:09:06

| START TIME | END TIME | BLOCKS | FACILITIES | STORAGES |
|------------|------------|--------|------------|----------|
| 0.000 | 150000.000 | 50 | 6 | 0 |

| NAME | VALUE |
|-------|-----------|
| CAN | 10006.000 |
| DISK1 | 10010.000 |
| DISK2 | 10004.000 |
| DISK3 | 10012.000 |
| DISK4 | 10002.000 |
| DISK5 | 10008.000 |
| MET1 | 6.000 |
| MET2 | 3.000 |
| MET3 | 13.000 |
| MET4 | 4.000 |
| MET5 | 20.000 |
| MET6 | 5.000 |
| MET7 | 27.000 |
| MET8 | 34.000 |
| MET9 | 41.000 |
| OCH1 | 10009.000 |
| OCH2 | 10003.000 |
| OCH3 | 10011.000 |
| OCH4 | 10001.000 |
| OCH5 | 10007.000 |
| OCH6 | 10005.000 |
| OUT | 48.000 |
| ZEXP | 10000.000 |

| LABEL | LOC | BLOCK TYPE | ENTRY COUNT | CURRENT | COUNT | RETRY |
|-------|-----|------------|-------------|---------|-------|-------|
| | 1 | GENERATE | 19307 | | 0 | 0 |
| | 2 | TRANSFER | 19307 | | 0 | 0 |
| MET2 | 3 | TRANSFER | 15479 | | 0 | 0 |
| MET4 | 4 | TRANSFER | 11591 | | 0 | 0 |
| MET6 | 5 | TRANSFER | 7714 | | 0 | 0 |
| MET1 | 6 | TEST | 3828 | | 0 | 0 |
| | 7 | QUEUE | 2911 | | 3 | 0 |
| | 8 | SEIZE | 2908 | | 0 | 0 |
| | 9 | DEPART | 2908 | | 0 | 0 |
| | 10 | ASSIGN | 2908 | | 0 | 0 |
| | 11 | ADVANCE | 2908 | | 0 | 0 |
| | 12 | TRANSFER | 2908 | | 0 | 0 |
| MET3 | 13 | TEST | 3888 | | 0 | 0 |
| | 14 | QUEUE | 2928 | | 3 | 0 |
| | 15 | SEIZE | 2925 | | 0 | 0 |
| | 16 | DEPART | 2925 | | 0 | 0 |
| | 17 | ASSIGN | 2925 | | 0 | 0 |
| | 18 | ADVANCE | 2925 | | 0 | 0 |
| | 19 | TRANSFER | 2925 | | 0 | 0 |
| MET5 | 20 | TEST | 3877 | | 0 | 0 |
| | 21 | QUEUE | 2913 | | 4 | 0 |
| | 22 | SEIZE | 2909 | | 0 | 0 |
| | 23 | DEPART | 2909 | | 0 | 0 |
| | 24 | ASSIGN | 2909 | | 0 | 0 |

| | | | | | |
|------|----|-----------|-------|---|---|
| MET7 | 24 | ASSIGN | 2909 | 0 | 0 |
| | 25 | ADVANCE | 2909 | 0 | 0 |
| | 26 | TRANSFER | 2909 | 0 | 0 |
| | 27 | TEST | 3847 | 0 | 0 |
| | 28 | QUEUE | 2934 | 5 | 0 |
| | 29 | SEIZE | 2929 | 0 | 0 |
| | 30 | DEPART | 2929 | 0 | 0 |
| MET8 | 31 | ASSIGN | 2929 | 0 | 0 |
| | 32 | ADVANCE | 2929 | 1 | 0 |
| | 33 | TRANSFER | 2928 | 0 | 0 |
| | 34 | TEST | 3867 | 0 | 0 |
| | 35 | QUEUE | 2969 | 4 | 0 |
| | 36 | SEIZE | 2965 | 0 | 0 |
| | 37 | DEPART | 2965 | 0 | 0 |
| MET9 | 38 | ASSIGN | 2965 | 0 | 0 |
| | 39 | ADVANCE | 2965 | 1 | 0 |
| | 40 | TRANSFER | 2964 | 0 | 0 |
| | 41 | QUEUE | 14634 | 2 | 0 |
| | 42 | SEIZE | 14632 | 0 | 0 |
| | 43 | DEPART | 14632 | 0 | 0 |
| | 44 | ADVANCE | 14632 | 1 | 0 |
| OUT | 45 | RELEASE | 14631 | 0 | 0 |
| | 46 | RELEASE | 14631 | 0 | 0 |
| | 47 | TERMINATE | 14631 | 0 | 0 |
| | 48 | TERMINATE | 4652 | 0 | 0 |
| | 49 | GENERATE | 1 | 0 | 0 |
| | 50 | TERMINATE | 1 | 0 | 0 |

| FACILITY | ENTRIES | UTIL. | AVE. TIME | AVAIL. | OWNER | PEND | INTER | RETRY | DELAY |
|----------|---------|-------|-----------|--------|-------|------|-------|-------|-------|
| DISK4 | 2929 | 0.769 | 39.398 | 1 | 19282 | 0 | 0 | 0 | 5 |
| DISK2 | 2925 | 0.782 | 40.123 | 1 | 19275 | 0 | 0 | 0 | 3 |
| CAN | 14632 | 0.685 | 7.024 | 1 | 19290 | 0 | 0 | 0 | 2 |
| DISK5 | 2965 | 0.776 | 39.283 | 1 | 19289 | 0 | 0 | 0 | 4 |
| DISK1 | 2908 | 0.767 | 39.550 | 1 | 19290 | 0 | 0 | 0 | 3 |
| DISK3 | 2909 | 0.775 | 39.956 | 1 | 19283 | 0 | 0 | 0 | 4 |

| QUEUE | MAX | CONT. | ENTRY | ENTRY(0) | AVE.CONT. | AVE.TIME | AVE.(-0) | RETRY |
|-------|-----|-------|-------|----------|-----------|----------|----------|-------|
| OCH4 | 5 | 5 | 2934 | 126 | 2.506 | 128.124 | 133.873 | 0 |
| OCH2 | 5 | 3 | 2928 | 96 | 2.677 | 137.159 | 141.809 | 0 |
| OCH6 | 4 | 2 | 14634 | 3477 | 0.742 | 7.610 | 9.982 | 0 |
| OCH5 | 5 | 4 | 2969 | 119 | 2.544 | 128.524 | 133.890 | 0 |
| OCH1 | 5 | 3 | 2911 | 129 | 2.536 | 130.658 | 136.717 | 0 |
| OCH3 | 5 | 4 | 2913 | 101 | 2.619 | 134.846 | 139.689 | 0 |

| FEC XN | PRI | BDT | ASSEM | CURRENT | NEXT | PARAMETER | VALUE |
|--------|-----|------------|-------|---------|------|-----------|-----------|
| 19290 | 0 | 150002.796 | 19290 | 44 | 45 | 1 | 10010.000 |
| 19309 | 0 | 150003.097 | 19309 | 0 | 1 | | |
| 19282 | 0 | 150013.015 | 19282 | 32 | 33 | 1 | 10002.000 |
| 19289 | 0 | 150018.906 | 19289 | 39 | 40 | 1 | 10008.000 |
| 19310 | 0 | 300000.000 | 19310 | 0 | 49 | | |

