

```

SNORM      FUNCTION      RN1,C25
0,-5/.00003,-4/.00135,-3/.00621,-2.5/.02275,-2/.06681,-1.5/.11507,-1.2/.15866,-1
.21186,-.8/.27425,-.6/.34458,-.4/.42074,-.2/.5,0/.57926,.2/.65542,.4
.72575,.6/.78814,.8/.84134,1/.88493,1.2/.93319,1.5
.97725,2/.99379,2.5/.99865,3/.99997,4/1,5
      INITIAL      X1,20
      INITIAL      X2,3
PN_EQ      EQU      SQR(9)
PN_F2      VARIABLE      (SQR(4)+2^3+1)
PN_F4      FVARIABLE      FN$SNORM#5+31

STR1      STORAGE      4
STR2      STORAGE      3

      GENERATE      27,5
      TEST L C1,360,SFT2
      SPLIT      1,SP_R1
      SEIZE      1
      ADVANCE      X1,X2
      RELEASE      1
      TRANSFER      ,OUT1
SP_R1      SPLIT      1,PN_R2
      SEIZE      2
      ADVANCE      X1,X2
      RELEASE      2
      TRANSFER      ,OUT1
PN_R2      SEIZE      3
      ADVANCE      X1,X2
      RELEASE      3
OUT1      ASSEMBLE      3
      ASSIGN      13,8
      ENTER      STR1
CYCL1      ADVANCE      V$PN_F2
      LOOP      13,CYCL1
      LEAVE      STR1
      TRANSFER      ,LEV
SFT2      SPLIT      1,SP_R2
      SEIZE      4
      ADVANCE      PN_EQ
      RELEASE      4
      TRANSFER      ,OUT2
SP_R2      SPLIT      1,PN_R3
      SEIZE      5
      ADVANCE      PN_EQ
      RELEASE      5
      TRANSFER      ,OUT2
PN_R3      SEIZE      6
      ADVANCE      PN_EQ
      RELEASE      6
OUT2      ASSEMBLE      3
      ASSIGN      100,7
      ENTER      STR2
CYCL2      ADVANCE      100,7
      LOOP      100,CYCL2
      LEAVE      STR2

LEV      TERMINATE
      GENERATE      720
      TERMINATE      1
      START      1

```

## GPSS World Simulation Report - Untitled Model 1.3.1

Wednesday, May 24, 2023 23:20:05

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	720.000	44	6	2

NAME	VALUE
CYCL1	19.000
CYCL2	39.000
LEV	42.000
OUT1	16.000
OUT2	36.000
PN_EQ	3.000
PN_F2	10002.000
PN_F4	10003.000
PN_R2	13.000
PN_R3	33.000
SFT2	23.000
SNORM	10000.000
SP_R1	8.000
SP_R2	28.000
STR1	10004.000
STR2	10005.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT	COUNT	RETRY
	1	GENERATE	26		0	0
	2	TEST	26		0	0
	3	SPLIT	13		0	0
	4	SEIZE	13		0	0
	5	ADVANCE	13		0	0
	6	RELEASE	13		0	0
	7	TRANSFER	13		0	0
SP_R1	8	SPLIT	13		0	0
	9	SEIZE	13		0	0
	10	ADVANCE	13		0	0
	11	RELEASE	13		0	0
	12	TRANSFER	13		0	0
PN_R2	13	SEIZE	13		0	0
	14	ADVANCE	13		0	0
	15	RELEASE	13		0	0
OUT1	16	ASSEMBLE	39		0	0
	17	ASSIGN	13		0	0
	18	ENTER	13		0	0
CYCL1	19	ADVANCE	104		0	0
	20	LOOP	104		0	0
	21	LEAVE	13		0	0
	22	TRANSFER	13		0	0
SFT2	23	SPLIT	13		0	0
	24	SEIZE	13		0	0
	25	ADVANCE	13		0	0
	26	RELEASE	13		0	0
	27	TRANSFER	13		0	0
SP_R2	28	SPLIT	13		0	0
	29	SEIZE	13		0	0

	30	ADVANCE	13	0	0
	31	RELEASE	13	0	0
PN_R3	32	TRANSFER	13	0	0
	33	SEIZE	13	0	0
	34	ADVANCE	13	0	0
	35	RELEASE	13	0	0
OUT2	36	ASSEMBLE	39	0	0
	37	ASSIGN	13	10	0
	38	ENTER	3	0	0
CYCL2	39	ADVANCE	10	3	0
	40	LOOP	7	0	0
	41	LEAVE	0	0	0
LEV	42	TERMINATE	13	0	0
	43	GENERATE	1	0	0
	44	TERMINATE	1	0	0

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
1	13	0.376	20.813	1	0	0	0	0	0
2	13	0.354	19.600	1	0	0	0	0	0
3	13	0.349	19.333	1	0	0	0	0	0
4	13	0.054	3.000	1	0	0	0	0	0
5	13	0.054	3.000	1	0	0	0	0	0
6	13	0.054	3.000	1	0	0	0	0	0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
STR1	4	4	0	4	13	1	1.589	0.397	0	0
STR2	3	0	0	3	3	1	1.280	0.427	0	10

SAVEVALUE	RETRY	VALUE
1	0	20.000
2	0	3.000

FEC	XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
46	0		722.905	42	39	40	100	5.000
78	0		737.871	78	0	1		
49	0		743.638	45	39	40	100	5.000
39	0		793.333	39	39	40	100	4.000
81	0		1440.000	81	0	43		