

```

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

SHFT1      STORAGE 4
SHFT2      STORAGE 3

      GENERATE 27,5
      TEST L C1,360,SFT2
      SPLIT 1,SP_R1
      SEIZE 1
      ADVANCE X1,X2
      RELEASE 1
      TRANSFER ,OUTR1
SP_R1      SPLIT 1,PN_R2
      SEIZE 2
      ADVANCE X1,X2
      RELEASE 2
      TRANSFER ,OUTR1
PN_R2      SEIZE 3
      ADVANCE X1,X2
      RELEASE 3
OUTR1      ASSEMBLE 3
      ASSIGN 13,8
      ENTER SHFT1
CYCL_S1    ADVANCE V$PN_F2
      LOOP 13,CYCL_S1
      LEAVE SHFT1
      TRANSFER ,TERM

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SFT2	SPLIT 1, SP_R2 SEIZE 1 ADVANCE PN_EQ RELEASE 1 TRANSFER , OUTR2
SP_R2	SPLIT 1, PN_R3 SEIZE 2 ADVANCE PN_EQ RELEASE 2 TRANSFER , OUTR2
PN_R3	SEIZE 3 ADVANCE PN_EQ RELEASE 3
OUTR2	ASSEMBLE 3 ASSIGN 100, 7 ENTER SHFT2
CYCL_S2	ADVANCE V\$PN_F4 LOOP 100, CYCL_S2 LEAVE SHFT2
TERM	TERMINATE GENERATE 720 TERMINATE 1 START 1

## GPSS World Simulation Report - 7.24.1

Tuesday, April 25, 2023 18:53:58

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	720.000	44	3	2

NAME	VALUE
CYCL_S1	19.000
CYCL_S2	39.000
OUTR1	16.000
OUTR2	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
SHFT1	10004.000
SHFT2	10005.000
SNORM	10000.000
SP_R1	8.000
SP_R2	28.000
TERM	42.000

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
OUTR1	16	ASSEMBLE	39	0	0
	17	ASSIGN	13	0	0
	18	ENTER	13	0	0
CYCL_S1	19	ADVANCE	104	0	0
	20	LOOP	104	0	0
	21	LEAVE	13	0	0

SFT2	21	LEAVE	13	0	0
	22	TRANSFER	13	0	0
	23	SPLIT	13	0	0
	24	SEIZE	13	0	0
	25	ADVANCE	13	0	0
SP_R2	26	RELEASE	13	0	0
	27	TRANSFER	13	0	0
	28	SPLIT	13	0	0
	29	SEIZE	13	0	0
	30	ADVANCE	13	0	0
PN_R3	31	RELEASE	13	0	0
	32	TRANSFER	13	0	0
	33	SEIZE	13	0	0
	34	ADVANCE	13	0	0
OUTR2	35	RELEASE	13	0	0
	36	ASSEMBLE	39	0	0
	37	ASSIGN	13	7	0
CYCL_S2	38	ENTER	6	0	0
	39	ADVANCE	32	3	0
	40	LOOP	29	0	0
TERM	41	LEAVE	3	0	0
	42	TERMINATE	16	0	0
	43	GENERATE	1	0	0
	44	TERMINATE	1	0	0

FACILITY	ENTRIES	UTIL.	AVE.	TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
1	26	0.430	11.906	1	0	0	0	0	0	0
2	26	0.408	11.300	1	0	0	0	0	0	0
3	26	0.403	11.167	1	0	0	0	0	0	0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
SHFT1	4	4	0	4	13	1	1.589	0.397	0	0
SHFT2	3	0	0	3	6	1	1.279	0.426	0	7

SAVEVALUE	RETRY	VALUE
1	0	20.000
2	0	3.000

FEC	XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
	58	0	725.526	54	39	40	100	6.000
	51	0	739.015	51	39	40	100	4.000
	78	0	742.285	78	0	1		
	52	0	748.322	48	39	40	100	3.000
	81	0	1440.000	81	0	43		