Untitled Model 1

```
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 6,4,,500
TEST L Q$A11,5,MET7
QUEUE A11
ENTER MEM,1
DEPART A11

MET6 QUEUE A2

TRANSFER BOTH,MET1,MET2
MET1 SEIZE CPU1
DEPART A2
ADVANCE 2,FN$ZEXP
RELEASE CPU1
TRANSFER ,MET3

MET2 SEIZE CPU2
DEPART A2
ADVANCE 2,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
TERMINATE 1

MET7 TERMINATE 1
START 500
```

Untitled Model 1.7.1 - REPORT

```
          GPSS World Simulation Report - Untitled Model 1.7.1


             Friday, March 24, 2023 18:19:25

      START TIME          END TIME   BLOCKS   FACILITIES   STORAGES
         0.000            3169.914     26         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
            MET7                     26.000
            ZEXP                  10001.000
```

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	500	0	0
	2	TEST	500	0	0
	3	QUEUE	402	0	0
	4	ENTER	402	0	0
	5	DEPART	402	0	0
MET6	6	QUEUE	1016	0	0
	7	TRANSFER	1016	0	0
MET1	8	SEIZE	758	0	0
	9	DEPART	758	0	0
	10	ADVANCE	758	0	0
	11	RELEASE	758	0	0
	12	TRANSFER	758	0	0
MET2	13	SEIZE	258	0	0

Untitled Model 1

```
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 6,4,,500
TEST L Q$A11,5,MET7
QUEUE A11
ENTER MEM,1
DEPART A11

MET6 QUEUE A2

TRANSFER BOTH,MET1,MET2
MET1 SEIZE CPU1
DEPART A2
ADVANCE 2,FN$ZEXP
RELEASE CPU1
TRANSFER ,MET3

MET2 SEIZE CPU2
DEPART A2
ADVANCE 2,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
TERMINATE 1

MET7 TERMINATE 1
START 500
```

Untitled Model 1.7.1 - REPORT

		LINE	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
		1	GENERATE	500	0	0
		2	TEST	500	0	0
		3	QUEUE	402	0	0
		4	ENTER	402	0	0
		5	DEPART	402	0	0
MET6		6	QUEUE	1016	0	0
		7	TRANSFER	1016	0	0
MET1		8	SEIZE	758	0	0
		9	DEPART	758	0	0
		10	ADVANCE	758	0	0
		11	RELEASE	758	0	0
		12	TRANSFER	758	0	0
MET2		13	SEIZE	258	0	0
		14	DEPART	258	0	0
		15	ADVANCE	258	0	0
		16	RELEASE	258	0	0
MET3		17	TRANSFER	1016	0	0
MET4		18	QUEUE	614	0	0
		19	SEIZE	614	0	0
		20	DEPART	614	0	0
		21	ADVANCE	614	0	0
		22	RELEASE	614	0	0
		23	TRANSFER	614	0	0
MET5		24	LEAVE	402	0	0
		25	TERMINATE	402	0	0
MET7		26	TERMINATE	98	0	0

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
CPU1	758	0.527	2.205	1	0	0	0	0	0
CPU2	258	0.165	2.027	1	0	0	0	0	0
DISK	614	0.970	5.009	1	0	0	0	0	0

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
A11	5	0	402	112	2.549	20.099	27.862	0
A2	3	0	1016	959	0.034	0.107	1.900	0
A3	7	0	614	18	5.433	28.048	28.896	0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
MEM	8	8	0	8	402	1	7.129	0.891	0	0

GPSS World - Untitled Model 1.3.2 - REPORT

File   Edit   Search   View   Command   Window   Help

Untitled Model 1

```
MEM STORAGE 2
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 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$I1,5,OUT
QUEUE I1
SEIZE DISK1
DEPART I1
ASSIGN 1,DISK1
ADVANCE 25,25
TRANSFER ,MET9

MET3 TEST L Q$I2,5,OUT
QUEUE I2
SEIZE DISK2
DEPART I2
ASSIGN 1,DISK2
ADVANCE 25,25
TRANSFER ,MET9

MET5 TEST L Q$I3,5,OUT
QUEUE I3
SEIZE DISK3
DEPART I3
ASSIGN 1,DISK3
ADVANCE 25,25
TRANSFER ,MET9

MET7 TEST L Q$I3,5,OUT
QUEUE I4
SEIZE DISK4
DEPART I4
ASSIGN 1,DISK4
ADVANCE 25,25
TRANSFER ,MET9

MET8 TEST L Q$I3,5,OUT
```

Untitled Model 1.3.2 - REPORT

```
            GPSS World Simulation Report - Untitled Model 1.3.2


                   Friday, March 24, 2023 16:54:33


        START TIME        END TIME  BLOCKS  FACILITIES  STORAGES
           0.000          1200.000    54        6           1


             NAME                    VALUE
          CAN                     10008.000
          DISK1                   10013.000
          DISK2                   10006.000
          DISK3                   10011.000
          DISK4                   10004.000
          DISK5                   10010.000
          I1                      10012.000
          I2                      10005.000
          I3                      10002.000
          I4                      10003.000
          I5                      10009.000
          I6                      10007.000
          MEM                     10000.000
          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
          OUT                        48.000
          ZEXP                    10001.000


   LABEL           LOC  BLOCK TYPE    ENTRY COUNT CURRENT COUNT RETRY
                    1    GENERATE         209          0          0
                    2    TRANSFER         209          0          0
   MET2             3    TRANSFER         172          0          0
   MET4             4    TRANSFER         128          0          0
```

For Help, press F1   Report is Complete.   Clock

File   Edit   Search   View   Command   Window   Help

Untitled Model 1

```
MET5 TEST L Q$I3,5,OUT
QUEUE I3
SEIZE DISK3
DEPART I3
ASSIGN 1,DISK3
ADVANCE 25,25
TRANSFER ,MET9

MET7 TEST L Q$I3,5,OUT
QUEUE I4
SEIZE DISK4
DEPART I4
ASSIGN 1,DISK4
ADVANCE 25,25
TRANSFER ,MET9

MET8 TEST L Q$I3,5,OUT
QUEUE I5
SEIZE DISK5
DEPART I5
ASSIGN 1,DISK5
ADVANCE 25,25
TRANSFER ,MET9

MET9 QUEUE I6
SEIZE CAN
DEPART I6
ADVANCE 1.0
RELEASE CAN
RELEASE P1
TERMINATE
OUT TERMINATE

GENERATE 150000
TERMINATE 1
START 1
RELEASE CAN
TERMINATE
GENERATE 600
TERMINATE 1
START 1
```

Untitled Model 1.3.2 - REPORT

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	209	0	0
	2	TRANSFER	209	0	0
MET2	3	TRANSFER	172	0	0
MET4	4	TRANSFER	128	0	0
MET6	5	TRANSFER	92	0	0
MET1	6	TEST	37	0	0
	7	QUEUE	36	1	0
	8	SEIZE	35	0	0
	9	DEPART	35	0	0
	10	ASSIGN	35	0	0
	11	ADVANCE	35	1	0
	12	TRANSFER	34	0	0
MET3	13	TEST	44	0	0
	14	QUEUE	43	4	0
	15	SEIZE	39	0	0
	16	DEPART	39	0	0
	17	ASSIGN	39	0	0
	18	ADVANCE	39	1	0
	19	TRANSFER	38	0	0
MET5	20	TEST	36	0	0
	21	QUEUE	36	0	0
	22	SEIZE	36	0	0
	23	DEPART	36	0	0
	24	ASSIGN	36	0	0
	25	ADVANCE	36	0	0
	26	TRANSFER	36	0	0
MET7	27	TEST	49	0	0
	28	QUEUE	49	9	0
	29	SEIZE	40	0	0
	30	DEPART	40	0	0
	31	ASSIGN	40	0	0
	32	ADVANCE	40	1	0
	33	TRANSFER	39	0	0
MET8	34	TEST	43	0	0
	35	QUEUE	43	6	0
	36	SEIZE	37	0	0
	37	DEPART	37	0	0
	38	ASSIGN	37	0	0
	39	ADVANCE	37	1	0
	40	TRANSFER	36	0	0
MET9	41	QUEUE	183	0	0
	42	SEIZE	183		

For Help, press F1   Report is Complete.   Clock

File   Edit   Search   View   Command   Window   Help

Untitled Model 1

```
METS TEST L Q$I3,5,OUT
QUEUE I3
SEIZE DISK3
DEPART I3
ASSIGN 1,DISK3
ADVANCE 25,25
TRANSFER ,MET9

MET7 TEST L Q$I3,5,OUT
QUEUE I4
SEIZE DISK4
DEPART I4
ASSIGN 1,DISK4
ADVANCE 25,25
TRANSFER ,MET9

MET8 TEST L Q$I3,5,OUT
QUEUE I5
SEIZE DISK5
DEPART I5
ASSIGN 1,DISK5
ADVANCE 25,25
TRANSFER ,MET9

MET9 QUEUE I6
SEIZE CAN
DEPART I6
ADVANCE 1.0
RELEASE CAN
RELEASE P1
TERMINATE
OUT TERMINATE

GENERATE 150000
TERMINATE 1
START 1
RELEASE CAN
TERMINATE
GENERATE 600
TERMINATE 1
START 1
```

Untitled Model 1.3.2 - REPORT

MET9	41	QUEUE	183	0	0
	42	SEIZE	183	0	0
	43	DEPART	183	0	0
	44	ADVANCE	183	0	0
	45	RELEASE	183	0	0
	46	RELEASE	183	0	0
	47	TERMINATE	183	0	0
OUT	48	TERMINATE	2	0	0
	49	GENERATE	0	0	0
	50	TERMINATE	0	0	0
	51	RELEASE	0	0	0
	52	TERMINATE	0	0	0
	53	GENERATE	2	0	0
	54	TERMINATE	2	0	0

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
DISK4	40	0.989	29.656	1	170	0	0	0	9
DISK2	39	0.940	28.924	1	194	0	0	0	4
CAN	183	0.153	1.000	1	0	0	0	0	0
DISK5	37	0.905	29.338	1	171	0	0	0	6
DISK3	36	0.640	21.320	1	0	0	0	0	0
DISK1	35	0.674	23.115	1	211	0	0	0	1

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
I3	3	0	36	12	0.422	14.054	21.080	0
I4	12	9	49	1	7.300	178.782	182.507	0
I2	5	4	43	6	1.841	51.387	59.720	0
I6	2	0	183	156	0.014	0.090	0.609	0
I5	10	6	43	3	4.701	131.195	141.034	0
I1	5	1	36	10	1.101	36.702	50.819	0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
MEM	2	2	0	0	0	1	0.000	0.000	0	0

FEC XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
213	0	1212.759	213	0	1		
194	0	1221.306	194	18	19	1	10006.000
211	0	1222.035	211	11	12	1	10013.000
171	0	1224.344	171	39	40	1	10010.000

For Help, press F1   Report is Complete.   Clock

Untitled Model 1

```
MET5 TEST L Q$I3,5,OUT
QUEUE I3
SEIZE DISK3
DEPART I3
ASSIGN 1,DISK3
ADVANCE 25,25
TRANSFER ,MET9

MET7 TEST L Q$I3,5,OUT
QUEUE I4
SEIZE DISK4
DEPART I4
ASSIGN 1,DISK4
ADVANCE 25,25
TRANSFER ,MET9

MET8 TEST L Q$I3,5,OUT
QUEUE I5
SEIZE DISK5
DEPART I5
ASSIGN 1,DISK5
ADVANCE 25,25
TRANSFER ,MET9

MET9 QUEUE I6
SEIZE CAN
DEPART I6
ADVANCE 1.0
RELEASE CAN
RELEASE P1
TERMINATE
OUT TERMINATE

GENERATE 150000
TERMINATE 1
START 1
RELEASE CAN
TERMINATE
GENERATE 600
TERMINATE 1
START 1
```

Untitled Model 1.3.2 - REPORT

```
                  45    RELEASE      183        0     0
                  46    RELEASE      183        0     0
                  47    TERMINATE    183        0     0
        OUT       48    TERMINATE      2        0     0
                  49    GENERATE       0        0     0
                  50    TERMINATE      0        0     0
                  51    RELEASE        0        0     0
                  52    TERMINATE      0        0     0
                  53    GENERATE       2        0     0
                  54    TERMINATE      2        0     0
```

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
DISK4	40	0.989	29.656	1	170	0	0	0	9
DISK2	39	0.940	28.924	1	194	0	0	0	4
CAN	183	0.153	1.000	1	0	0	0	0	0
DISK5	37	0.905	29.338	1	171	0	0	0	6
DISK3	36	0.640	21.320	1	0	0	0	0	0
DISK1	35	0.674	23.115	1	211	0	0	0	1

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
I3	3	0	36	12	0.422	14.054	21.080	0
I4	12	9	49	1	7.300	178.782	182.507	0
I2	5	4	43	6	1.841	51.387	59.720	0
I6	2	0	183	156	0.014	0.090	0.609	0
I5	10	6	43	3	4.701	131.195	141.034	0
I1	5	1	36	10	1.101	36.702	50.819	0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
MEM	2	2	0	0	0	1	0.000	0.000	0	0

FEC XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
213	0	1212.759	213	0	1		
194	0	1221.306	194	18	19	1	10006.000
211	0	1222.035	211	11	12	1	10013.000
171	0	1224.344	171	39	40	1	10010.000
170	0	1234.497	170	32	33	1	10004.000
214	0	1800.000	214	0	53		
2	0	150000.000	2	0	49		

For Help, press F1   Report is Complete.   Clock