

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 7,3,,500
	TEST L Q\$A11,5,POINT_CUR
	QUEUE A11
	ENTER MEM,1
	DEPART A11
POINT6	QUEUE A2
	TRANSFER BOTH,POINT1,POINT2
POINT1	SEIZE CPU1
	DEPART A2
	ADVANCE 4,FN\$ZEXP
	RELEASE CPU1
	TRANSFER ,POINT3
POINT2	SEIZE CPU2
	DEPART A2
	ADVANCE 1,FN\$ZEXP
	RELEASE CPU2
POINT3	TRANSFER .6,POINT5,POINT4
POINT4	QUEUE A3
	SEIZE DISK
	DEPART A3
	ADVANCE 5,3
	RELEASE DISK
	TRANSFER ,POINT6
POINT5	LEAVE MEM,1
	TERMINATE 1
POINT_CUR	TERMINATE 1
	START 500

GPSS World Simulation Report - Untitled Model 1.1.3

Tuesday, March 14, 2023 17:16:47

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	3571.790	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
POINT1	8.000
POINT2	13.000
POINT3	17.000
POINT4	18.000
POINT5	24.000
POINT6	6.000
POINT_CUR	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	483		0	0
	4	ENTER	483		0	0
	5	DEPART	483		0	0
POINT6	6	QUEUE	1165		0	0
	7	TRANSFER	1165		0	0
POINT1	8	SEIZE	591		0	0
	9	DEPART	591		0	0
	10	ADVANCE	591		0	0
	11	RELEASE	591		0	0
	12	TRANSFER	591		0	0
POINT2	13	SEIZE	574		0	0
	14	DEPART	574		0	0
	15	ADVANCE	574		0	0
	16	RELEASE	574		0	0
POINT3	17	TRANSFER	1165		0	0

ZEXP

10001.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT	COUNT	RETRY
	1	GENERATE	500		0	0
	2	TEST	500		0	0
	3	QUEUE	483		0	0
	4	ENTER	483		0	0
	5	DEPART	483		0	0
POINT6	6	QUEUE	1165		0	0
	7	TRANSFER	1165		0	0
POINT1	8	SEIZE	591		0	0
	9	DEPART	591		0	0
	10	ADVANCE	591		0	0
	11	RELEASE	591		0	0
	12	TRANSFER	591		0	0
POINT2	13	SEIZE	574		0	0
	14	DEPART	574		0	0
	15	ADVANCE	574		0	0
	16	RELEASE	574		0	0
POINT3	17	TRANSFER	1165		0	0
POINT4	18	QUEUE	682		0	0
	19	SEIZE	682		0	0
	20	DEPART	682		0	0
	21	ADVANCE	682		0	0
	22	RELEASE	682		0	0
	23	TRANSFER	682		0	0
POINT5	24	LEAVE	483		0	0
	25	TERMINATE	483		0	0
POINT_CUR	26	TERMINATE	17		0	0

FACILITY	ENTRIES	UTIL.	AVE.	TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
CPU1	591	0.686		4.145	1		0	0	0	0
CPU2	574	0.187		1.167	1		0	0	0	0
DISK	682	0.967		5.063	1		0	0	0	0

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE.	CONT.	AVE.	TIME	AVE. (-0)	RETRY
A11	5	0	483	329	0.944		6.981		21.894	0
A2	4	0	1165	1094	0.035		0.108		1.770	0
A3	7	0	682	38	3.823		20.024		21.206	0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
MEM	8	8	0	8	483	1	5.699	0.712	0	0

Untitled Model 3

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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$ZEXP
      TRANSFER .2, POINT_TR1, POINT_D1
POINT_TR1 TRANSFER .25, POINT_TR2, POINT_D2
POINT_TR2 TRANSFER .333, POINT_TR3, POINT_D3
POINT_TR3 TRANSFER .5, POINT_D4, POINT_D5
POINT_D1  TEST L Q$A11,5, POINT_CUR
      QUEUE A11
      SEIZE DISK1
      DEPART A11
      ASSIGN 1, DISK1
      ADVANCE 25,25
      TRANSFER , POINT_OUT
POINT_D2  TEST L Q$A2,5, POINT_CUR
      QUEUE A2
      SEIZE DISK2
      DEPART A2
      ASSIGN 1, DISK2
      ADVANCE 25,25
      TRANSFER , POINT_OUT
POINT_D3  TEST L Q$A3,5, POINT_CUR
      QUEUE A3
      SEIZE DISK3
      DEPART A3
      ASSIGN 1, DISK3
      ADVANCE 25,25
      TRANSFER , POINT_OUT
POINT_D4  TEST L Q$A4,5, POINT_CUR
      QUEUE A4
      SEIZE DISK4
      DEPART A4
      ASSIGN 1, DISK4
      ADVANCE 25,25
      TRANSFER , POINT_OUT
POINT_D5  TEST L Q$A5,5, POINT_CUR
      QUEUE A5
      SEIZE DISK5
      DEPART A5
      ASSIGN 1, DISK5
      ADVANCE 25,25
POINT_OUT QUEUE A6
      SEIZE CAN
      DEPART A6
      ADVANCE 1.7
      RELEASE CAN
      RELEASE P1
      TERMINATE
    
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POINT_D5  TEST L Q$A5,5,POINT_CUR
          QUEUE A5
          SEIZE DISK5
          DEPART A5
          ASSIGN 1,DISK5
          ADVANCE 25,25
POINT_OUT QUEUE A6
          SEIZE CAN
          DEPART A6
          ADVANCE 1.7
          RELEASE CAN
          RELEASE P1
          TERMINATE
POINT_CUR TERMINATE
          GENERATE 150000
          TERMINATE 1
          START 1
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GPSS World Simulation Report - Untitled Model 3.4.1

Tuesday, March 14, 2023 18:32:02

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	150000.000	49	6	0

NAME	VALUE
A11	10011.000
A2	10003.000
A3	10009.000
A4	10007.000
A5	10001.000
A6	10005.000
CAN	10006.000
DISK1	10012.000
DISK2	10004.000
DISK3	10010.000
DISK4	10008.000
DISK5	10002.000
POINT_CUR	47.000
POINT_D1	6.000
POINT_D2	13.000
POINT_D3	20.000
POINT_D4	27.000
POINT_D5	34.000
POINT_OUT	40.000
POINT_TR1	3.000
POINT_TR2	4.000
POINT_TR3	5.000
ZEXP	10000.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT	COUNT	RETRY
	1	GENERATE	23055		0	0
	2	TRANSFER	23055		0	0
POINT_TR1	3	TRANSFER	18534		0	0
POINT_TR2	4	TRANSFER	13879		0	0
POINT_TR3	5	TRANSFER	9346		0	0
POINT_D1	6	TEST	4521		0	0
	7	QUEUE	4278		0	0
	8	SEIZE	4278		0	0
	9	DEPART	4278		0	0
	10	ASSIGN	4278		0	0
	11	ADVANCE	4278		1	0
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POINT_D2	8	SEIZE	4278	0	0				
	9	DEPART	4278	0	0				
	10	ASSIGN	4278	0	0				
	11	ADVANCE	4278	1	0				
	12	TRANSFER	4277	0	0				
	13	TEST	4655	0	0				
	14	QUEUE	4390	3	0				
	15	SEIZE	4387	0	0				
POINT_D3	16	DEPART	4387	0	0				
	17	ASSIGN	4387	0	0				
	18	ADVANCE	4387	1	0				
	19	TRANSFER	4386	0	0				
	20	TEST	4533	0	0				
	21	QUEUE	4295	0	0				
	22	SEIZE	4295	0	0				
	23	DEPART	4295	0	0				
POINT_D4	24	ASSIGN	4295	0	0				
	25	ADVANCE	4295	0	0				
	26	TRANSFER	4295	0	0				
	27	TEST	4662	0	0				
	28	QUEUE	4423	0	0				
	29	SEIZE	4423	0	0				
	30	DEPART	4423	0	0				
	31	ASSIGN	4423	0	0				
POINT_D5	32	ADVANCE	4423	1	0				
	33	TRANSFER	4422	0	0				
	34	TEST	4684	0	0				
	35	QUEUE	4393	0	0				
	36	SEIZE	4393	0	0				
	37	DEPART	4393	0	0				
	38	ASSIGN	4393	0	0				
	39	ADVANCE	4393	1	0				
POINT_OUT	40	QUEUE	21772	0	0				
	41	SEIZE	21772	0	0				
	42	DEPART	21772	0	0				
	43	ADVANCE	21772	0	0				
	44	RELEASE	21772	0	0				
	45	RELEASE	21772	0	0				
	46	TERMINATE	21772	0	0				
	47	TERMINATE	1276	0	0				
POINT_CUR	48	GENERATE	1	0	0				
	49	TERMINATE	1	0	0				
FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
DISK5	4393	0.787	26.886	1	23054	0	0	0	0
DISK2	4387	0.792	27.073	1	23049	0	0	0	3
CAN	21772	0.247	1.700	1	0	0	0	0	0
DISK4	4423	0.785	26.636	1	23056	0	0	0	0
DISK1	4684	0.770	27.000	1	0	0	0	0	0

49 TERMINATE 1 0 0

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
DISK5	4393	0.787	26.886	1	23054	0	0	0	0
DISK2	4387	0.792	27.073	1	23049	0	0	0	3
CAN	21772	0.247	1.700	1	0	0	0	0	0
DISK4	4423	0.785	26.636	1	23056	0	0	0	0
DISK3	4295	0.773	27.000	1	0	0	0	0	0
DISK1	4278	0.769	26.963	1	23053	0	0	0	0

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE. CONT.	AVE. TIME	AVE. (-0)	RETRY
A5	5	0	4393	797	1.522	51.966	63.484	0
A2	5	3	4390	790	1.478	50.491	61.572	0
A6	3	0	21772	17228	0.031	0.213	1.022	0
A4	5	0	4423	855	1.469	49.811	61.747	0
A3	5	0	4295	894	1.396	48.768	61.587	0
A11	5	0	4278	933	1.336	46.829	59.891	0

FEC XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
23057	0	150004.746	23057	0	1		
23056	0	150005.982	23056	32	33	1	10008.000
23049	0	150030.063	23049	18	19	1	10004.000
23053	0	150030.231	23053	11	12	1	10012.000
23054	0	150042.946	23054	39	40	1	10002.000
23058	0	300000.000	23058	0	48		