

Грякалова Людмила, У-204

Задание 1

MEM STORAGE 8

020 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,COUNTER

QUEUE A11

ENTER MEM,1

DEPART A11

MET6 QUEUE A2

TRANSFER BOTH,MET1,MET2

MET1 SEIZE CPU1

DEPART A2

ADVANCE 4,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

TERMINATE 1

COUNTER TERMINATE 1

START 500

Отчёт:

GPSS World Simulation Report - exercise_1.2.1

Saturday, May 20, 2023 23:33:34

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	1134.730	26	3	1

NAME	VALUE
A11	10002.000
A2	10003.000
A3	10006.000
COUNTER	26.000
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
ZEXP	10001.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	500	0	0
	2	TEST	500	0	0
	3	QUEUE	138	0	0
	4	ENTER	138	0	0
	5	DEPART	138	0	0
MET6	6	QUEUE	364	0	0
	7	TRANSFER	364	0	0
MET1	8	SEIZE	187	0	0
	9	DEPART	187	0	0
	10	ADVANCE	187	0	0
	11	RELEASE	187	0	0
	12	TRANSFER	187	0	0
MET2	13	SEIZE	177	0	0
	14	DEPART	177	0	0
	15	ADVANCE	177	0	0
	16	RELEASE	177	0	0
MET3	17	TRANSFER	364	0	0
MET4	18	QUEUE	226	0	0
	19	SEIZE	226	0	0
	20	DEPART	226	0	0
	21	ADVANCE	226	0	0
	22	RELEASE	226	0	0
	23	TRANSFER	226	0	0
MET5	24	LEAVE	138	0	0
	25	TERMINATE	138	0	0
COUNTER	26	TERMINATE	362	0	0

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
CPU1	187	0.718	4.354	1	0	0	0	0	0
CPU2	177	0.161	1.034	1	0	0	0	0	0
DISK	226	0.980	4.919	1	0	0	0	0	0

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
A11	5	0	138	10	3.986	32.778	35.339	0
A2	1	0	364	354	0.006	0.018	0.645	0
A3	7	0	226	4	5.660	28.420	28.932	0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
MEM	8	8	0	8	138	1	7.525	0.941	0	0

Задание 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,GOTO1,MET1

GOTO1 TRANSFER .25,GOTO2,MET2

GOTO2 TRANSFER .333,GOTO3,MET3

GOTO3 TRANSFER .5,MET4,MET5

MET1 TEST L Q\$QU1,5,COUNTER

QUEUE QU1

SEIZE DISK1

DEPART QU1

ASSIGN 1,DISK1

ADVANCE 15,15

TRANSFER ,OUT

MET2 TEST L Q\$QU2,5,COUNTER

QUEUE QU2

SEIZE DISK2

DEPART QU2

ASSIGN 1,DISK2

ADVANCE 15,15

TRANSFER ,OUT

MET3 TEST L Q\$QU3,5,COUNTER

QUEUE QU3

SEIZE DISK3

DEPART QU3

ASSIGN 1,DISK3

ADVANCE 15,15

TRANSFER ,OUT

MET4 TEST L Q\$QU4,5,COUNTER

QUEUE QU4

SEIZE DISK4

DEPART QU4

ASSIGN 1,DISK4

ADVANCE 15,15

TRANSFER ,OUT

MET5 TEST L Q\$QU5,5,COUNTER

QUEUE QU5

SEIZE DISK5

DEPART QU5

ASSIGN 1,DISK5

ADVANCE 15,15

OUT QUEUE QU6

SEIZE CAN
ADVANCE 1.7
RELEASE CAN
RELEASE P1
TERMINATE

COUNTER TERMINATE
GENERATE 150000
TERMINATE 1
START 1

Отчёт:

GPSS World Simulation Report - exercise_2.6.1

Saturday, May 20, 2023 23:41:53

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	150000.000	48	6	0

NAME	VALUE
CAN	10006.000
COUNTER	46.000
DISK1	10012.000
DISK2	10004.000
DISK3	10010.000
DISK4	10008.000
DISK5	10002.000
GOTO1	3.000
GOTO2	4.000
GOTO3	5.000
MET1	6.000
MET2	13.000
MET3	20.000
MET4	27.000
MET5	34.000
OUT	40.000
QU1	10011.000
QU2	10003.000
QU3	10009.000
QU4	10007.000
QU5	10001.000
QU6	10005.000
ZEXP	10000.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	23966	0	0
	2	TRANSFER	23966	0	0
GOTO1	3	TRANSFER	19162	0	0
GOTO2	4	TRANSFER	14257	0	0
GOTO3	5	TRANSFER	9568	0	0
MET1	6	TEST	4804	0	0
	7	QUEUE	4795	1	0
	8	SEIZE	4794	0	0
	9	DEPART	4794	0	0
	10	ASSIGN	4794	0	0
	11	ADVANCE	4794	1	0
	12	TRANSFER	4793	0	0
MET2	13	TEST	4905	0	0
	14	QUEUE	4896	0	0
	15	SEIZE	4896	0	0
	16	DEPART	4896	0	0
	17	ASSIGN	4896	0	0
	18	ADVANCE	4896	0	0
	19	TRANSFER	4896	0	0
MET3	20	TEST	4689	0	0
	21	QUEUE	4675	0	0
	22	SEIZE	4675	0	0
	23	DEPART	4675	0	0
	24	ASSIGN	4675	0	0
	25	ADVANCE	4675	0	0
	26	TRANSFER	4675	0	0
MET4	27	TEST	4750	0	0
	28	QUEUE	4737	1	0
	29	SEIZE	4736	0	0
	30	DEPART	4736	0	0
	31	ASSIGN	4736	0	0
	32	ADVANCE	4736	1	0
	33	TRANSFER	4735	0	0
MET5	34	TEST	4818	0	0
	35	QUEUE	4802	2	0
	36	SEIZE	4800	0	0
	37	DEPART	4800	0	0
	38	ASSIGN	4800	0	0
	39	ADVANCE	4800	1	0
OUT	40	QUEUE	23898	0	0
	41	SEIZE	23898	0	0
	42	ADVANCE	23898	0	0
	43	RELEASE	23898	0	0
	44	RELEASE	23898	0	0
	45	TERMINATE	23898	0	0
COUNTER	46	TERMINATE	61	0	0
	47	GENERATE	1	0	0
	48	TERMINATE	1	0	0

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
DISK5	4800	0.538	16.800	1	23963	0	0	0	2
DISK2	4896	0.552	16.903	1	0	0	0	0	0
CAN	23898	0.271	1.700	1	0	0	0	0	0
DISK4	4736	0.531	16.825	1	23960	0	0	0	1
DISK3	4675	0.524	16.806	1	0	0	0	0	0
DISK1	4794	0.541	16.939	1	23964	0	0	0	1

QUEUE	MAX CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
QU5	5	2	4802	2156	0.407	12.709	23.064
QU2	5	0	4896	2120	0.423	12.967	22.871
QU6	23898	23898	23898	0	11985.021	75226.092	75226.092
QU4	5	1	4737	2187	0.390	12.343	22.929
QU3	5	0	4675	2169	0.367	11.763	21.943
QU1	5	1	4795	2165	0.399	12.470	22.736

FEC XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
23968	0	150004.937	23968	0	1		
23960	0	150006.180	23960	32	33	1	10008.000
23963	0	150017.008	23963	39	40	1	10002.000
23964	0	150020.507	23964	11	12	1	10012.000
23969	0	300000.000	23969	0	47		