

Вариант 7 ПРЗ 3

Задание 2

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K2      STORAGE 2
K4      STORAGE 3
K5      STORAGE 4

        GENERATE 7,5
        TRANSFER .5, KK1, KK2

KK1      TEST L Q$QU1,5,COUNTER
        QUEUE QU1
        SEIZE K1
        DEPART QU1
        ADVANCE 25,6
        RELEASE K1
        TRANSFER ,OUT1

KK2      TEST L Q$QU2,5,COUNTER
        QUEUE QU2
        ENTER K2
        DEPART QU2
        ADVANCE 15,6
        LEAVE K2

OUT1     TRANSFER .5, KK3, KK4

KK3      TEST L Q$QU3,5,COUNTER
        QUEUE QU3
        SEIZE K3
        DEPART QU3
        ADVANCE 15,6
        RELEASE K3
        TRANSFER ,OUT2

KK4      TEST L Q$QU4,5,COUNTER
        QUEUE QU4
        ENTER K4
        DEPART QU4
        ADVANCE 15,4
        LEAVE K4

OUT2     TEST L Q$QU5,5,COUNTER
        QUEUE QU5
        ENTER K5
        DEPART QU5
        ADVANCE 10,3
        LEAVE K5

OUT3     TERMINATE
        GENERATE 720
        TERMINATE 1
        START 3

COUNTER  TERMINATE
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GPSS World Simulation Report - prz_3,1.9.1

Thursday, April 27, 2023 00:39:15

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	2160.000	39	2	3

NAME	VALUE
COUNTER	39.000
K1	10005.000
K2	10000.000
K3	10007.000
K4	10001.000
K5	10002.000
KK1	3.000
KK2	10.000
KK3	17.000
KK4	24.000
OUT1	16.000
OUT2	30.000
OUT3	36.000
QU1	10004.000
QU2	10003.000
QU3	10006.000
QU4	10009.000
QU5	10008.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT	COUNT	RETRY
KK1	1	GENERATE	313		0	0
	2	TRANSFER	313		0	0
	3	TEST	160		0	0
	4	QUEUE	92		4	0
	5	SEIZE	88		0	0
	6	DEPART	88		0	0
	7	ADVANCE	88		1	0
	8	RELEASE	87		0	0
	9	TRANSFER	87		0	0
KK2	10	TEST	153		0	0
	11	QUEUE	153		0	0
	12	ENTER	153		0	0
	13	DEPART	153		0	0
	14	ADVANCE	153		0	0
	15	LEAVE	153		0	0
OUT1	16	TRANSFER	240		0	0
KK3	17	TEST	120		0	0
	18	QUEUE	120		5	0
	19	SEIZE	115		0	0
	20	DEPART	115		0	0
	21	ADVANCE	115		1	0
	22	RELEASE	114		0	0
	23	TRANSFER	114		0	0
	24	TEST	120		0	0
	25	QUEUE	120		0	0
KK4	26	ENTER	120		0	0
	27	DEPART	120		0	0
	28	ADVANCE	120		0	0
	29	LEAVE	120		0	0
	30	TEST	234		0	0
	31	QUEUE	234		0	0
	32	ENTER	234		0	0
	33	DEPART	234		0	0
	34	ADVANCE	234		1	0
OUT2	35	LEAVE	233		0	0
	36	TERMINATE	233		0	0
	37	GENERATE	3		0	0
OUT3	38	TERMINATE	3		0	0
	39	TERMINATE	68		0	0
COUNTER						

FACILITY DELAY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY
K1	88	0.991	24.316	1	298	0	0	0
K3	115	0.801	15.050	1	287	0	0	0

QUEUE RETRY	MAX	CONT.	ENTRY	ENTRY (0)	AVE.CONT.	AVE.TIME	AVE. (-0)
QU2	2	0	153	123	0.057	0.810	4.129
QU1	5	4	92	1	4.366	102.517	103.644
QU3	5	5	120	29	0.818	14.717	19.407
QU5	1	0	234	234	0.000	0.000	0.000
QU4	1	0	120	120	0.000	0.000	0.000

STORAGE DELAY	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY
K2	2	2	0	2	153	1	1.048	0.524	0
K4	3	3	0	3	120	1	0.845	0.282	0
K5	4	3	0	4	234	1	1.076	0.269	0

FEC	XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
305	0		2161.384	305	34	35		
287	0		2161.851	287	21	22		
317	0		2163.005	317	0	1		
298	0		2189.498	298	7	8		
318	0		2880.000	318	0	37		

Задание 1.1

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K2      STORAGE 2
K4      STORAGE 3
K5      STORAGE 4

        GENERATE 7,5
        TRANSFER .5, KK1, KK2

KK1     QUEUE QU1
        SEIZE K1
        DEPART QU1
        ADVANCE 25,6
        RELEASE K1
        TRANSFER ,OUT1

KK2     QUEUE QU2
        ENTER K2
        DEPART QU2
        ADVANCE 15,6
        LEAVE K2

OUT1    TRANSFER .5, KK3, KK4

KK3     QUEUE QU3
        SEIZE K3
        DEPART QU3
        ADVANCE 15,6
        RELEASE K3
        TRANSFER ,OUT2

KK4     QUEUE QU4

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ENTER K4
DEPART QU4
ADVANCE 15,4
LEAVE K4

OUT2    QUEUE QU5
        ENTER K5
        DEPART QU5
        ADVANCE 10,3
        LEAVE K5

OUT3    TERMINATE 1
        START 500

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GPSS World Simulation Report - prz_3,1.10.1

Thursday, April 27, 2023 00:42:40

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	4586.376	31	2	3

NAME	VALUE
K1	10005.000
K2	10000.000
K3	10007.000
K4	10001.000
K5	10002.000
KK1	3.000
KK2	9.000
KK3	15.000
KK4	21.000
OUT1	14.000
OUT2	26.000
OUT3	31.000
QU1	10004.000
QU2	10003.000
QU3	10006.000
QU4	10009.000
QU5	10008.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
KK1	1	GENERATE	656	0	0
	2	TRANSFER	656	0	0
	3	QUEUE	338	153	0
	4	SEIZE	185	0	0
	5	DEPART	185	0	0
	6	ADVANCE	185	1	0
	7	RELEASE	184	0	0
	8	TRANSFER	184	0	0
KK2	9	QUEUE	318	0	0
	10	ENTER	318	0	0
	11	DEPART	318	0	0
	12	ADVANCE	318	0	0
	13	LEAVE	318	0	0
OUT1	14	TRANSFER	502	0	0
KK3	15	QUEUE	255	1	0
	16	SEIZE	254	0	0
	17	DEPART	254	0	0
	18	ADVANCE	254	1	0

KK4	19	RELEASE	253	0	0
	20	TRANSFER	253	0	0
	21	QUEUE	247	0	0
	22	ENTER	247	0	0
	23	DEPART	247	0	0
OUT2	24	ADVANCE	247	0	0
	25	LEAVE	247	0	0
	26	QUEUE	500	0	0
	27	ENTER	500	0	0
	28	DEPART	500	0	0
OUT3	29	ADVANCE	500	0	0
	30	LEAVE	500	0	0
	31	TERMINATE	500	0	0

FACILITY DELAY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY
K1	185	0.996	24.682	1	356	0	0	0
153								
K3	254	0.819	14.787	1	653	0	0	0
1								

QUEUE RETRY	MAX	CONT.	ENTRY	ENTRY (0)	AVE.CONT.	AVE.TIME	AVE. (-0)	
QU2	2	0	318	264	0.043	0.617	3.635	0
QU1	153	153	338	1	79.233	1075.126	1078.316	0
QU3	6	1	255	55	1.061	19.085	24.334	0
QU5	1	0	500	500	0.000	0.000	0.000	0
QU4	1	0	247	246	0.000	0.002	0.413	0

STORAGE DELAY	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	
K2	2	2	0	2	318	1	1.026	0.513	0	0
K4	3	3	0	3	247	1	0.815	0.272	0	0
K5	4	4	0	4	500	1	1.080	0.270	0	0

FEC XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
657	0	4588.646	657	0	1		
653	0	4590.515	653	18	19		
356	0	4592.682	356	6	7		

Задание 1.2

K2 STORAGE 2
K4 STORAGE 3
K5 STORAGE 4

GENERATE 7,5
TRANSFER .5, KK1, KK2

KK1 QUEUE QU1
SEIZE K1
DEPART QU1
ADVANCE 25,6
RELEASE K1
TRANSFER ,OUT1

KK2 QUEUE QU2
ENTER K2

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DEPART QU2
ADVANCE 15,6
LEAVE K2

OUT1    TRANSFER .5, KK3, KK4

KK3     QUEUE QU3
        SEIZE K3
        DEPART QU3
        ADVANCE 15,6
        RELEASE K3
        TRANSFER ,OUT2

KK4     QUEUE QU4
        ENTER K4
        DEPART QU4
        ADVANCE 15,4
        LEAVE K4

OUT2    QUEUE QU5
        ENTER K5
        DEPART QU5
        ADVANCE 10,3
        LEAVE K5

OUT3    TERMINATE
        GENERATE 480
        TERMINATE 1
        START 1

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GPSS World Simulation Report - Untitled Model 1.4.1

Thursday, April 27, 2023 14:17:39

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	480.000	33	2	3

NAME	VALUE
K1	10005.000
K2	10000.000
K3	10007.000
K4	10001.000
K5	10002.000
KK1	3.000
KK2	9.000
KK3	15.000
KK4	21.000
OUT1	14.000
OUT2	26.000
OUT3	31.000
QU1	10004.000
QU2	10003.000
QU3	10006.000
QU4	10009.000
QU5	10008.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	63	0	0
	2	TRANSFER	63	0	0
KK1	3	QUEUE	30	10	0

KK2	4	SEIZE	20	0	0
	5	DEPART	20	0	0
	6	ADVANCE	20	1	0
	7	RELEASE	19	0	0
	8	TRANSFER	19	0	0
	9	QUEUE	33	0	0
	10	ENTER	33	0	0
	11	DEPART	33	0	0
	12	ADVANCE	33	1	0
	13	LEAVE	32	0	0
OUT1	14	TRANSFER	51	0	0
KK3	15	QUEUE	24	2	0
	16	SEIZE	22	0	0
	17	DEPART	22	0	0
	18	ADVANCE	22	1	0
	19	RELEASE	21	0	0
KK4	20	TRANSFER	21	0	0
	21	QUEUE	27	0	0
	22	ENTER	27	0	0
	23	DEPART	27	0	0
	24	ADVANCE	27	2	0
OUT2	25	LEAVE	25	0	0
	26	QUEUE	46	0	0
	27	ENTER	46	0	0
	28	DEPART	46	0	0
	29	ADVANCE	46	2	0
OUT3	30	LEAVE	44	0	0
	31	TERMINATE	44	0	0
	32	GENERATE	1	0	0
	33	TERMINATE	1	0	0

FACILITY DELAY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY
K1	20	0.958	22.990	1	41	0	0	0
10								
K3	22	0.669	14.601	1	57	0	0	0
2								

QUEUE RETRY	MAX	CONT.	ENTRY	ENTRY (0)	AVE.CONT.	AVE.TIME	AVE. (-0)	
QU2	1	0	33	28	0.036	0.520	3.430	0
QU1	13	10	30	1	6.533	104.520	108.124	0
QU3	3	2	24	12	0.460	9.209	18.418	0
QU5	1	0	46	46	0.000	0.000	0.000	0
QU4	1	0	27	27	0.000	0.000	0.000	0

STORAGE DELAY	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	
K2	2	1	0	2	33	1	0.965	0.483	0	0
K4	3	1	0	3	27	1	0.842	0.281	0	0
K5	4	2	0	4	46	1	0.969	0.242	0	0

FEC	XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
	65	0	480.042	65	0	1		
	59	0	480.400	59	29	30		
	61	0	482.519	61	24	25		
	56	0	484.074	56	29	30		
	62	0	484.415	62	24	25		
	57	0	489.164	57	18	19		
	64	0	493.150	64	12	13		

41	0	502.383	41	6	7
66	0	960.000	66	0	32