

Презентация к лабораторной работе 17

Задания для самостоятельной работы

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```
evm STORAGE 2

; класс A
GENERATE 20,5
QUEUE que_A
ENTER evm,1
DEPART que_A
ADVANCE 20,5
LEAVE evm,1
TERMINATE 0

; класс B
GENERATE 20,10
QUEUE que_B
ENTER evm,1
DEPART que_B
ADVANCE 21,3
LEAVE evm,1
TERMINATE 0

; класс C
GENERATE 28,5
QUEUE que_C
ENTER evm,2
DEPART que_C
ADVANCE 28,5
LEAVE evm,2
TERMINATE 0

; timer
GENERATE 4800
TERMINATE 1
START 1
```

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	4800.000	23	0	1

NAME	VALUE
EVM	10000.000
QUE_A	10001.000
QUE_B	10002.000
QUE_C	10003.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT	COUNT	RETRY
	1	GENERATE	240		0	0
	2	QUEUE	240		4	0
	3	ENTER	236		0	0
	4	DEPART	236		0	0
	5	ADVANCE	236		1	0
	6	LEAVE	235		0	0
	7	TERMINATE	235		0	0
	8	GENERATE	236		0	0
	9	QUEUE	236		5	0
	10	ENTER	231		0	0
	11	DEPART	231		0	0
	12	ADVANCE	231		1	0
	13	LEAVE	230		0	0
	14	TERMINATE	230		0	0
	15	GENERATE	172		0	0
	16	QUEUE	172		172	0
	17	ENTER	0		0	0
	18	DEPART	0		0	0
	19	ADVANCE	0		0	0
	20	LEAVE	0		0	0
	21	TERMINATE	0		0	0
	22	GENERATE	1		0	0
	23	TERMINATE	1		0	0

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
QUE_A	7	4	240	3	3.288	65.765	66.597	0
QUE_B	7	5	236	1	3.280	66.703	66.987	0
QUE_C	172	172	172	0	85.786	2394.038	2394.038	0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
EVM	2	0	0	2	467	1	1.988	0.994	0	181

```
; посадка
GENERATE 10,5,,1
ASSIGN 1,0
QUEUE que_ar
check GATE NU line,wait
SEIZE line
DEPART que_ar
ADVANCE 2
RELEASE line
TERMINATE 0
```

```
; ожидание
wait TEST L pl,5,skip
ADVANCE 5
ASSIGN 1+,1
TRANSFER 0,check
skip SEIZE dop
DEPART que_ar
RELEASE dop
TERMINATE 0
```

```
; взлет
GENERATE 10,2,,,2
QUEUE que_fly
SEIZE line
DEPART que_fly
ADVANCE 2
RELEASE line
TERMINATE 0
```

```
; timer
GENERATE 1440
TERMINATE 1
START 1
```

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT	COUNT	RETRY
CHECK	1	GENERATE	146	0	0	
	2	ASSIGN	146	0	0	
	3	QUEUE	146	0	0	
	4	GATE	184	0	0	
	5	SEIZE	146	0	0	
	6	DEPART	146	0	0	
	7	ADVANCE	146	0	0	
	8	RELEASE	146	0	0	
	9	TERMINATE	146	0	0	
WAIT	10	TEST	38	0	0	
	11	ADVANCE	38	0	0	
	12	ASSIGN	38	0	0	
	13	TRANSFER	38	0	0	
SKIP	14	SEIZE	0	0	0	
	15	DEPART	0	0	0	
	16	RELEASE	0	0	0	
	17	TERMINATE	0	0	0	
	18	GENERATE	142	0	0	
	19	QUEUE	142	0	0	
	20	SEIZE	142	0	0	
	21	DEPART	142	0	0	
	22	ADVANCE	142	0	0	
	23	RELEASE	142	0	0	
	24	TERMINATE	142	0	0	
	25	GENERATE	1	0	0	
	26	TERMINATE	1	0	0	

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
LINE	288	0.400	2.000	1	0	0	0	0	0

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
QUE_FLY	1	0	142	114	0.017	0.173	0.880	0
QUE_AR	2	0	146	114	0.132	1.301	5.937	0

```
prichal STORAGE 10
```

```
GENERATE 20,5
```

```
QUEUE que
```

```
ENTER prichal,3
```

```
DEPART que
```

```
ADVANCE 10,3
```

```
LEAVE prichal,3
```

```
TERMINATE 0
```

```
; timer
```

```
GENERATE 4320
```

```
TERMINATE 1
```

```
START 1
```

суббота, мая 17, 2025 20:39:17

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	4320.000	9	0	1

NAME	VALUE
PRICHAL	10000.000
QUE	10001.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	215	0	0
	2	QUEUE	215	0	0
	3	ENTER	215	0	0
	4	DEPART	215	0	0
	5	ADVANCE	215	1	0
	6	LEAVE	214	0	0
	7	TERMINATE	214	0	0
	8	GENERATE	1	0	0
	9	TERMINATE	1	0	0

QUEUE	MAX CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
QUE	1	0	215	215	0.000	0.000	0.000 0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
PRICHAL	10	7	0	3	645	1	1.485	0.148	0	0

FEC XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
216	0	4324.260	216	5	6		
217	0	4335.233	217	0	1		
218	0	8640.000	218	0	8		

```
prichal STORAGE 3
```

```
GENERATE 20,5
```

```
QUEUE que
```

```
ENTER prichal,3
```

```
DEPART que
```

```
ADVANCE 10,3
```

```
LEAVE prichal,3
```

```
TERMINATE 0
```

```
; timer
```

```
GENERATE 4320
```

```
TERMINATE 1
```

```
START 1
```


суббота, мая 17, 2025 20:41:31

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	4320.000	9	0	1

NAME	VALUE
PRICHAL	10000.000
QUE	10001.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT	COUNT	RETRY
	1	GENERATE	215		0	0
	2	QUEUE	215		0	0
	3	ENTER	215		0	0
	4	DEPART	215		0	0
	5	ADVANCE	215		1	0
	6	LEAVE	214		0	0
	7	TERMINATE	214		0	0
	8	GENERATE	1		0	0
	9	TERMINATE	1		0	0

QUEUE	MAX CONT.	ENTRY	ENTRY (0)	AVE. CONT.	AVE. TIME	AVE. (-0)	RETRY
QUE	1	0	215	215	0.000	0.000	0.000 0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE. C.	UTIL.	RETRY	DELAY
PRICHAL	3	0	0	3	645	1	1.485	0.495	0	0

FEC XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
216	0	4324.260	216	5	6		
217	0	4335.233	217	0	1		
218	0	8640.000	218	0	8		

```
prichal STORAGE 6
```

```
GENERATE 30,10
```

```
QUEUE que
```

```
ENTER prichal,2
```

```
DEPART que
```

```
ADVANCE 8,4
```

```
LEAVE prichal,2
```

```
TERMINATE 0
```

```
; timer
```

```
GENERATE 4320
```

```
TERMINATE 1
```

```
START 1
```

GPSS World Simulation Report - Untitled Model 1.10.1

суббота, мая 17, 2025 20:43:37

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	4320.000	9	0	1

NAME	VALUE
PRICHAL	10000.000
QUE	10001.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	143	0	0
	2	QUEUE	143	0	0
	3	ENTER	143	0	0
	4	DEPART	143	0	0
	5	ADVANCE	143	1	0
	6	LEAVE	142	0	0
	7	TERMINATE	142	0	0
	8	GENERATE	1	0	0
	9	TERMINATE	1	0	0

QUEUE	MAX CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
QUE	1	0	143	143	0.000	0.000	0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
PRICHAL	6	4	0	2	286	1	0.524	0.087	0	0

FEC XN	PRI	BDI	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
144	0	4325.892	144	5	6		
145	0	4336.699	145	0	1		
146	0	8640.000	146	0	8		

```
prichal STORAGE 2
```

```
GENERATE 30,10
```

```
QUEUE que
```

```
ENTER prichal,2
```

```
DEPART que
```

```
ADVANCE 8,4
```

```
LEAVE prichal,2
```

```
TERMINATE 0
```

```
; timer
```

```
GENERATE 4320
```

```
TERMINATE 1
```

```
START 1
```

суббота, мая 17, 2025 20:44:58

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	4320.000	9	0	1

NAME	VALUE
PRICHAL	10000.000
QUE	10001.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	143	0	0
	2	QUEUE	143	0	0
	3	ENTER	143	0	0
	4	DEPART	143	0	0
	5	ADVANCE	143	1	0
	6	LEAVE	142	0	0
	7	TERMINATE	142	0	0
	8	GENERATE	1	0	0
	9	TERMINATE	1	0	0

QUEUE	MAX CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
QUE	1	0	143	143	0.000	0.000	0.000 0

STORAGE	CAP.	REM.	MIN.	MAX.	ENTRIES	AVL.	AVE.C.	UTIL.	RETRY	DELAY
PRICHAL	2	0	0	2	286	1	0.524	0.262	0	0

FEC XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
144	0	4325.892	144	5	6		
145	0	4336.699	145	0	1		
146	0	8640.000	146	0	8		