

Грякалова Людмила, У-204

Вариант 4

Моделирования передачи деталей в течении рабочей смены (8ч)

TABLE1 TABLE M1,5,5,10

GENERATE 7,2

K1 QUEUE Q1I  
SEIZE DEV1  
DEPART Q1I  
ADVANCE 4,3  
RELEASE DEV1

QUEUE Q2I  
SEIZE DEV2  
DEPART Q2I  
ADVANCE 4,2  
RELEASE DEV2

TRANSFER .9,K1,K2

K2 TABULATE TABLE1  
TERMINATE  
GENERATE 480  
TERMINATE 1  
START 1

Отчёт:

## GPSS World Simulation Report - HOURS8.2.1

Saturday, May 20, 2023 23:08:53

|            |          |        |            |          |
|------------|----------|--------|------------|----------|
| START TIME | END TIME | BLOCKS | FACILITIES | STORAGES |
| 0.000      | 480.000  | 16     | 2          | 0        |

|        |           |
|--------|-----------|
| NAME   | VALUE     |
| DEV1   | 10002.000 |
| DEV2   | 10004.000 |
| K1     | 2.000     |
| K2     | 13.000    |
| Q1I    | 10001.000 |
| Q2I    | 10003.000 |
| TABLE1 | 10000.000 |

| LABEL | LOC | BLOCK TYPE | ENTRY COUNT | CURRENT COUNT | RETRY |
|-------|-----|------------|-------------|---------------|-------|
| K1    | 1   | GENERATE   | 70          | 0             | 0     |
|       | 2   | QUEUE      | 75          | 0             | 0     |
|       | 3   | SEIZE      | 75          | 0             | 0     |
|       | 4   | DEPART     | 75          | 0             | 0     |
|       | 5   | ADVANCE    | 75          | 1             | 0     |
|       | 6   | RELEASE    | 74          | 0             | 0     |
|       | 7   | QUEUE      | 74          | 0             | 0     |
|       | 8   | SEIZE      | 74          | 0             | 0     |
|       | 9   | DEPART     | 74          | 0             | 0     |
|       | 10  | ADVANCE    | 74          | 1             | 0     |
|       | 11  | RELEASE    | 73          | 0             | 0     |
| K2    | 12  | TRANSFER   | 73          | 0             | 0     |
|       | 13  | TABULATE   | 68          | 0             | 0     |
|       | 14  | TERMINATE  | 68          | 0             | 0     |
|       | 15  | GENERATE   | 1           | 0             | 0     |
|       | 16  | TERMINATE  | 1           | 0             | 0     |

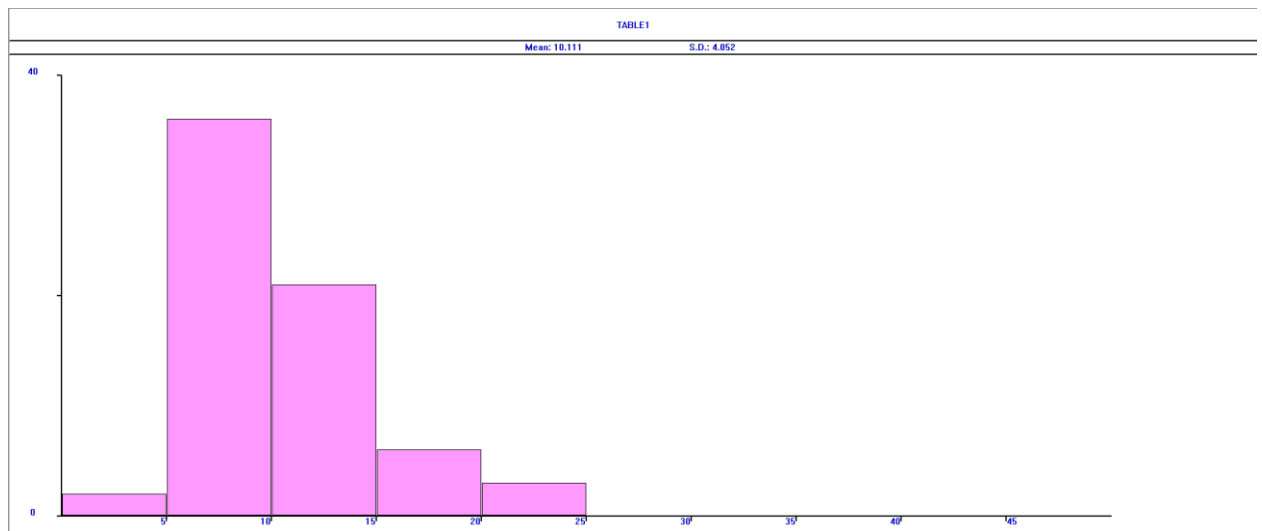
| FACILITY | ENTRIES | UTIL. | AVE. TIME | AVAIL. | OWNER | PEND | INTER | RETRY | DELAY |
|----------|---------|-------|-----------|--------|-------|------|-------|-------|-------|
| DEV1     | 75      | 0.608 | 3.892     | 1      | 71    | 0    | 0     | 0     | 0     |
| DEV2     | 74      | 0.648 | 4.205     | 1      | 70    | 0    | 0     | 0     | 0     |

| QUEUE | MAX | CONT. | ENTRY | ENTRY(0) | AVE.CONT. | AVE.TIME | AVE.(-0) | RETRY |
|-------|-----|-------|-------|----------|-----------|----------|----------|-------|
| Q1I   | 2   | 0     | 75    | 60       | 0.076     | 0.489    | 2.445    | 0     |
| Q2I   | 2   | 0     | 74    | 48       | 0.115     | 0.746    | 2.124    | 0     |

| TABLE  | MEAN   | STD.DEV. | RANGE  | RETRY FREQUENCY | CUM. % |
|--------|--------|----------|--------|-----------------|--------|
| TABLE1 | 10.111 | 4.052    |        | 0               |        |
|        |        |          | -      | 5.000           | 2      |
|        |        |          | 5.000  | 10.000          | 36     |
|        |        |          | 10.000 | 15.000          | 21     |
|        |        |          | 15.000 | 20.000          | 6      |
|        |        |          | 20.000 | 25.000          | 3      |
|        |        |          |        |                 | 100.00 |

| FEC | XN | PRI | BDT     | ASSEM | CURRENT | NEXT | PARAMETER | VALUE |
|-----|----|-----|---------|-------|---------|------|-----------|-------|
| 71  | 0  |     | 480.686 | 71    | 5       | 6    |           |       |
| 70  | 0  |     | 480.927 | 70    | 10      | 11   |           |       |
| 72  | 0  |     | 485.202 | 72    | 0       | 1    |           |       |
| 73  | 0  |     | 960.000 | 73    | 0       | 15   |           |       |

Таблица:



### Моделирование передачи деталей в течение рабочей недели (6д)

TABLE1 TABLE M1,5,5,10

GENERATE 7,2

K1 QUEUE Q1I  
 SEIZE DEV1  
 DEPART Q1I  
 ADVANCE 4,3  
 RELEASE DEV1

QUEUE Q2I  
 SEIZE DEV2  
 DEPART Q2I  
 ADVANCE 4,2  
 RELEASE DEV2

TRANSFER .9,K1,K2

K2 TABULATE TABLE1  
 TERMINATE  
 GENERATE 2880  
 TERMINATE 1  
 START 1

Отчёт:

## GPSS World Simulation Report - DAY6.4.1

Saturday, May 20, 2023 23:17:20

|            |          |        |            |          |
|------------|----------|--------|------------|----------|
| START TIME | END TIME | BLOCKS | FACILITIES | STORAGES |
| 0.000      | 2880.000 | 16     | 2          | 0        |

|        |           |
|--------|-----------|
| NAME   | VALUE     |
| DEV1   | 10002.000 |
| DEV2   | 10004.000 |
| K1     | 2.000     |
| K2     | 13.000    |
| Q1I    | 10001.000 |
| Q2I    | 10003.000 |
| TABLE1 | 10000.000 |

| LABEL | LOC | BLOCK TYPE | ENTRY COUNT | CURRENT COUNT | RETRY |
|-------|-----|------------|-------------|---------------|-------|
| K1    | 1   | GENERATE   | 417         | 0             | 0     |
|       | 2   | QUEUE      | 463         | 0             | 0     |
|       | 3   | SEIZE      | 463         | 0             | 0     |
|       | 4   | DEPART     | 463         | 0             | 0     |
|       | 5   | ADVANCE    | 463         | 0             | 0     |
|       | 6   | RELEASE    | 463         | 0             | 0     |
|       | 7   | QUEUE      | 463         | 0             | 0     |
|       | 8   | SEIZE      | 463         | 0             | 0     |
|       | 9   | DEPART     | 463         | 0             | 0     |
| K2    | 10  | ADVANCE    | 463         | 1             | 0     |
|       | 11  | RELEASE    | 462         | 0             | 0     |
|       | 12  | TRANSFER   | 462         | 0             | 0     |
|       | 13  | TABULATE   | 416         | 0             | 0     |
|       | 14  | TERMINATE  | 416         | 0             | 0     |
|       | 15  | GENERATE   | 1           | 0             | 0     |
|       | 16  | TERMINATE  | 1           | 0             | 0     |

| FACILITY | ENTRIES | UTIL. | AVE. TIME | AVAIL. | OWNER | PEND | INTER | RETRY | DELAY |
|----------|---------|-------|-----------|--------|-------|------|-------|-------|-------|
| DEV1     | 463     | 0.626 | 3.895     | 1      | 0     | 0    | 0     | 0     | 0     |
| DEV2     | 463     | 0.641 | 3.986     | 1      | 418   | 0    | 0     | 0     | 0     |

| QUEUE | MAX CONT. | ENTRY | ENTRY(0) | AVE.CONT. | AVE.TIME | AVE.(-0) | RETRY |
|-------|-----------|-------|----------|-----------|----------|----------|-------|
| Q1I   | 3         | 0     | 463      | 339       | 0.116    | 0.723    | 2.701 |
| Q2I   | 2         | 0     | 463      | 327       | 0.093    | 0.578    | 1.966 |

| TABLE  | MEAN   | STD.DEV. | RANGE  | RETRY FREQUENCY | CUM.% |
|--------|--------|----------|--------|-----------------|-------|
| TABLE1 | 10.210 | 4.888    |        | 0               |       |
|        |        |          | -      | 5.000           | 19    |
|        |        |          | 5.000  | 10.000          | 236   |
|        |        |          | 10.000 | 15.000          | 105   |
|        |        |          | 15.000 | 20.000          | 34    |
|        |        |          | 20.000 | 25.000          | 15    |
|        |        |          | 25.000 | 30.000          | 3     |
|        |        |          | 30.000 | 35.000          | 2     |
|        |        |          | 35.000 | 40.000          | 1     |
|        |        |          | 40.000 | 45.000          | 1     |

| FEC XN | PRI | BDT      | ASSEM | CURRENT | NEXT | PARAMETER | VALUE |
|--------|-----|----------|-------|---------|------|-----------|-------|
| 419    | 0   | 2881.564 | 419   | 0       | 1    |           |       |
| 418    | 0   | 2884.032 | 418   | 10      | 11   |           |       |
| 420    | 0   | 5760.000 | 420   | 0       | 15   |           |       |

Таблица:

