Задание 1.1

K2 STORAGE 2

K4 STORAGE 3

K5 STORAGE 4

GENERATE 6,3

TRANSFER .5,KK1,KK2

KK1 QUEUE QU1

SEIZE K1

DEPART QU1

ADVANCE 25,4

RELEASE K1

TRANSFER ,OUT1

KK2 QUEUE QU2

ENTER K2

DEPART QU2

ADVANCE 25,6

LEAVE K2

OUT1 TRANSFER .5,KK3,KK4

KK3 QUEUE QU3

SEIZE K3

DEPART QU3

ADVANCE 25,6

RELEASE K3

TRANSFER ,OUT2

KK4 QUEUE QU4

ENTER K4

DEPART QU4

ADVANCE 25,4

LEAVE K4

OUT2 QUEUE QU5

ENTER K5

DEPART QU5

ADVANCE 20,5

LEAVE K5

OUT TERMINATE 1

START 100

GPSS World Simulation Report - ПРЗ3.8.1

Thursday, May 11, 2023 09:42:56

START TIME END TIME BLOCKS FACILITIES STORAGES

0.000 985.714 31 2 3

NAME VALUE

K1 10005.000

K2 10000.000

K3 10008.000

K4 10001.000

K5 10002.000

KK1 3.000

KK2 9.000

KK3 15.000

KK4 21.000

OUT 31.000

OUT1 14.000

OUT2 26.000

QU1 10004.000

QU2 10003.000

QU3 10007.000

QU4 10006.000

QU5 10009.000

LABEL LOC BLOCK TYPE ENTRY COUNT CURRENT COUNT RETRY

1 GENERATE 163 0 0

2 TRANSFER 163 0 0

KK1 3 QUEUE 78 39 0

4 SEIZE 39 0 0

5 DEPART 39 0 0

6 ADVANCE 39 1 0

7 RELEASE 38 0 0

8 TRANSFER 38 0 0

KK2 9 QUEUE 85 7 0

10 ENTER 78 0 0

11 DEPART 78 0 0

12 ADVANCE 78 2 0

13 LEAVE 76 0 0

OUT1 14 TRANSFER 114 0 0

KK3 15 QUEUE 48 11 0

16 SEIZE 37 0 0

17 DEPART 37 0 0

18 ADVANCE 37 1 0

19 RELEASE 36 0 0

20 TRANSFER 36 0 0

KK4 21 QUEUE 66 0 0

22 ENTER 66 0 0

23 DEPART 66 0 0

24 ADVANCE 66 1 0

25 LEAVE 65 0 0

OUT2 26 QUEUE 101 0 0

27 ENTER 101 0 0

28 DEPART 101 0 0

29 ADVANCE 101 1 0

30 LEAVE 100 0 0

OUT 31 TERMINATE 100 0 0

FACILITY ENTRIES UTIL. AVE. TIME AVAIL. OWNER PEND INTER RETRY DELAY

K1 39 0.984 24.872 1 87 0 0 0 39

K3 37 0.936 24.932 1 67 0 0 0 11

QUEUE MAX CONT. ENTRY ENTRY(0) AVE.CONT. AVE.TIME AVE.(-0) RETRY

QU2 11 7 85 4 6.368 73.852 77.499 0

QU1 40 39 78 1 18.850 238.212 241.306 0

QU4 2 0 66 62 0.017 0.259 4.272 0

QU3 11 11 48 2 5.709 117.230 122.327 0

QU5 1 0 101 99 0.002 0.020 1.000 0

STORAGE CAP. REM. MIN. MAX. ENTRIES AVL. AVE.C. UTIL. RETRY DELAY

K2 2 0 0 2 78 1 1.945 0.972 0 7

K4 3 2 0 3 66 1 1.676 0.559 0 0

K5 4 3 0 4 101 1 1.997 0.499 0 0

FEC XN PRI BDT ASSEM CURRENT NEXT PARAMETER VALUE

142 0 985.926 142 12 13

164 0 988.737 164 0 1

67 0 991.634 67 18 19

83 0 998.426 83 24 25

87 0 998.462 87 6 7

78 0 999.234 78 29 30

145 0 1004.464 145 12 13

Задание 1.2

K2 STORAGE 2

K4 STORAGE 3

K5 STORAGE 4

GENERATE 6,3

TRANSFER .5,KK1,KK2

KK1 QUEUE QU1

SEIZE K1

DEPART QU1

ADVANCE 25,4

RELEASE K1

TRANSFER ,OUT1

KK2 QUEUE QU2

ENTER K2

DEPART QU2

ADVANCE 25,6

LEAVE K2

OUT1 TRANSFER .5,KK3,KK4

KK3 QUEUE QU3

SEIZE K3

DEPART QU3

ADVANCE 25,6

RELEASE K3

TRANSFER ,OUT2

KK4 QUEUE QU4

ENTER K4

DEPART QU4

ADVANCE 25,4

LEAVE K4

OUT2 QUEUE QU5

ENTER K5

DEPART QU5

ADVANCE 20,5

LEAVE K5

OUT3 TERMINATE

GENERATE 480

TERMINATE 1

START 1

GPSS World Simulation Report - ПРЗ\_3\_2.6.1

Thursday, May 11, 2023 09:51:58

START TIME END TIME BLOCKS FACILITIES STORAGES

0.000 480.000 33 2 3

NAME VALUE

K1 10005.000

K2 10000.000

K3 10008.000

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 10007.000

QU4 10006.000

QU5 10009.000

LABEL LOC BLOCK TYPE ENTRY COUNT CURRENT COUNT RETRY

1 GENERATE 82 0 0

2 TRANSFER 82 0 0

KK1 3 QUEUE 37 18 0

4 SEIZE 19 0 0

5 DEPART 19 0 0

6 ADVANCE 19 1 0

7 RELEASE 18 0 0

8 TRANSFER 18 0 0

KK2 9 QUEUE 45 7 0

10 ENTER 38 0 0

11 DEPART 38 0 0

12 ADVANCE 38 2 0

13 LEAVE 36 0 0

OUT1 14 TRANSFER 54 0 0

KK3 15 QUEUE 24 7 0

16 SEIZE 17 0 0

17 DEPART 17 0 0

18 ADVANCE 17 1 0

19 RELEASE 16 0 0

20 TRANSFER 16 0 0

KK4 21 QUEUE 30 0 0

22 ENTER 30 0 0

23 DEPART 30 0 0

24 ADVANCE 30 2 0

25 LEAVE 28 0 0

OUT2 26 QUEUE 44 0 0

27 ENTER 44 0 0

28 DEPART 44 0 0

29 ADVANCE 44 3 0

30 LEAVE 41 0 0

OUT3 31 TERMINATE 41 0 0

32 GENERATE 1 0 0

33 TERMINATE 1 0 0

FACILITY ENTRIES UTIL. AVE. TIME AVAIL. OWNER PEND INTER RETRY DELAY

K1 19 0.967 24.436 1 48 0 0 0 18

K3 17 0.868 24.515 1 45 0 0 0 7

QUEUE MAX CONT. ENTRY ENTRY(0) AVE.CONT. AVE.TIME AVE.(-0) RETRY

QU2 9 7 45 4 4.268 45.521 49.962 0

QU1 19 18 37 1 9.320 120.907 124.266 0

QU4 2 0 30 28 0.024 0.381 5.721 0

QU3 8 7 24 2 3.130 62.597 68.287 0

QU5 1 0 44 43 0.003 0.037 1.607 0

STORAGE CAP. REM. MIN. MAX. ENTRIES AVL. AVE.C. UTIL. RETRY DELAY

K2 2 0 0 2 38 1 1.887 0.944 0 7

K4 3 1 0 3 30 1 1.535 0.512 0 0

K5 4 1 0 4 44 1 1.783 0.446 0 0

FEC XN PRI BDT ASSEM CURRENT NEXT PARAMETER VALUE

84 0 480.586 84 0 1

60 0 483.827 60 29 30

71 0 489.373 71 12 13

67 0 490.197 67 12 13

66 0 490.620 66 24 25

61 0 491.067 61 24 25

40 0 491.471 40 29 30

41 0 494.359 41 29 30

45 0 500.069 45 18 19

48 0 501.051 48 6 7

85 0 960.000 85 0 32

Задание 2

K2 STORAGE 2

K4 STORAGE 3

K5 STORAGE 4

GENERATE 6,3

TRANSFER .5,KK1,KK2

KK1 TEST L Q$QU1,5,COUNTER

QUEUE QU1

SEIZE K1

DEPART QU1

ADVANCE 25,4

RELEASE K1

TRANSFER ,OUT1

KK2 TEST L Q$QU2,5,COUNTER

QUEUE QU2

ENTER K2

DEPART QU2

ADVANCE 25,6

LEAVE K2

OUT1 TRANSFER .5,KK3,KK4

KK3 TEST L Q$QU3,5,COUNTER

QUEUE QU3

SEIZE K3

DEPART QU3

ADVANCE 25,6

RELEASE K3

TRANSFER ,OUT2

KK4 TEST L Q$QU4,5,COUNTER

QUEUE QU4

ENTER K4

DEPART QU4

ADVANCE 25,4

LEAVE K4

OUT2 TEST L Q$QU5,5,COUNTER

QUEUE QU5

ENTER K5

DEPART QU5

ADVANCE 20,5

LEAVE K5

OUT3 TERMINATE

GENERATE 720

TERMINATE 1

START 3

COUNTER TERMINATE

GPSS World Simulation Report - ПРЗ\_3\_3.2.1

Thursday, May 11, 2023 09:50:50

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 10008.000

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 10007.000

QU4 10006.000

QU5 10009.000

LABEL LOC BLOCK TYPE ENTRY COUNT CURRENT COUNT RETRY

1 GENERATE 358 0 0

2 TRANSFER 358 0 0

KK1 3 TEST 167 0 0

4 QUEUE 92 5 0

5 SEIZE 87 0 0

6 DEPART 87 0 0

7 ADVANCE 87 1 0

8 RELEASE 86 0 0

9 TRANSFER 86 0 0

KK2 10 TEST 191 0 0

11 QUEUE 176 3 0

12 ENTER 173 0 0

13 DEPART 173 0 0

14 ADVANCE 173 2 0

15 LEAVE 171 0 0

OUT1 16 TRANSFER 257 0 0

KK3 17 TEST 119 0 0

18 QUEUE 91 5 0

19 SEIZE 86 0 0

20 DEPART 86 0 0

21 ADVANCE 86 1 0

22 RELEASE 85 0 0

23 TRANSFER 85 0 0

KK4 24 TEST 138 0 0

25 QUEUE 138 0 0

26 ENTER 138 0 0

27 DEPART 138 0 0

28 ADVANCE 138 2 0

29 LEAVE 136 0 0

OUT2 30 TEST 221 0 0

31 QUEUE 221 0 0

32 ENTER 221 0 0

33 DEPART 221 0 0

34 ADVANCE 221 1 0

35 LEAVE 220 0 0

OUT3 36 TERMINATE 220 0 0

37 GENERATE 3 0 0

38 TERMINATE 3 0 0

COUNTER 39 TERMINATE 118 0 0

FACILITY ENTRIES UTIL. AVE. TIME AVAIL. OWNER PEND INTER RETRY DELAY

K1 87 0.993 24.647 1 343 0 0 0 5

K3 86 0.971 24.381 1 318 0 0 0 5

QUEUE MAX CONT. ENTRY ENTRY(0) AVE.CONT. AVE.TIME AVE.(-0) RETRY

QU2 5 3 176 7 3.145 38.603 40.202 0

QU1 5 5 92 1 4.499 105.626 106.787 0

QU4 2 0 138 131 0.012 0.192 3.780 0

QU3 5 5 91 2 3.760 89.237 91.242 0

QU5 1 0 221 219 0.001 0.009 1.000 0

STORAGE CAP. REM. MIN. MAX. ENTRIES AVL. AVE.C. UTIL. RETRY DELAY

K2 2 0 0 2 173 1 1.963 0.981 0 3

K4 3 1 0 3 138 1 1.593 0.531 0 0

K5 4 3 0 4 221 1 2.034 0.509 0 0

FEC XN PRI BDT ASSEM CURRENT NEXT PARAMETER VALUE

316 0 2162.071 316 34 35

318 0 2162.495 318 21 22

362 0 2165.830 362 0 1

342 0 2170.667 342 28 29

343 0 2174.804 343 7 8

357 0 2177.568 357 14 15

355 0 2179.046 355 14 15

351 0 2181.454 351 28 29

363 0 2880.000 363 0 37