

```

ZEXP      FUNCTION RN1,C24
0,0/.1,.104/.2,.222/.3,.355/.4,.509/.5,.69/.6,.915/.7,1.2/.75,1.38
.8,1.6/.84,1.83/.88,2.12/.9,2.3/.92,2.52/.94,2.81/.95,2.99/.96,3.2
.97,3.5/.98,3.9/.99,4.6/.995,5.3/.998,6.2/.999,7/.9998,8
ZFN4      FUNCTION RN7,D8
0,20/.25,20/.251,60/.5,60/.501,80/.75,80/.751,100/1,100
ZFN5      FUNCTION RN4,C11
0,0/.125,3/.25,9/.375,14/.5,20/.625,39/.69,44/.75,50/.875,62/.95,80/1,100

```

```

TAB_1     TABLE M1,0,118,9
TAB_2     TABLE M1,0,89,9

```

```

GENERATE 121,15,,,3
TRANSFER ,PN_HP
GENERATE 121,15,,,2
TRANSFER ,PN_MP
GENERATE 121,15,,,1

```

```

QUEUE QLPR
SEIZE DEV1
DEPART QLPR
ADVANCE 55,11
RELEASE DEV1
SEIZE DEV2
ADVANCE ,FN$ZFN4
RELEASE DEV2
SEIZE DEV3
ADVANCE ,FN$ZFN5
RELEASE DEV3
SEIZE DEV4
ADVANCE 45,FN$ZEXP
RELEASE DEV4
TRANSFER ,TR_TH

```

```

PN_MP     QUEUE QMPR
SEIZE DEV1
DEPART QMPR
ADVANCE 55,11
RELEASE DEV1
SEIZE DEV2
ADVANCE ,FN$ZFN4
RELEASE DEV2
SEIZE DEV3
ADVANCE ,FN$ZFN5
RELEASE DEV3
SEIZE DEV4
ADVANCE 45,FN$ZEXP
RELEASE DEV4
TRANSFER ,TR_TM

```

```

PN_MP     QUEUE QMPR

```

```
RELEASE DEV1  
SEIZE DEV2  
ADVANCE ,FN$ZFN4  
RELEASE DEV2  
SEIZE DEV3  
ADVANCE ,FN$ZFN5  
RELEASE DEV3  
SEIZE DEV4  
ADVANCE 45,FN$ZEXP  
RELEASE DEV4  
TRANSFER ,TR_TM
```

```
PN_HP    QUEUE QHPR  
         SEIZE DEV1  
         DEPART QHPR  
         ADVANCE 55,11  
         RELEASE DEV1  
         SEIZE DEV2  
         ADVANCE ,FN$ZFN4  
         RELEASE DEV2  
         SEIZE DEV3  
         ADVANCE ,FN$ZFN5  
         RELEASE DEV3  
         SEIZE DEV4  
         ADVANCE 45,FN$ZEXP  
         RELEASE DEV4  
         TRANSFER ,TR_TL
```

```
TR_TH    TRANSFER .23,TR_TH2,TR_TH1  
TR_TH1   TABULATE TAB_1  
         TRANSFER ,OUT_H  
TR_TH2   TABULATE TAB_2  
         TRANSFER ,OUT_H
```

```
TR_TM    TRANSFER .23,TR_TM2,TR_TM1  
TR_TM1   TABULATE TAB_1  
         TRANSFER ,OUT_M  
TR_TM2   TABULATE TAB_2  
         TRANSFER ,OUT_M
```

```
TR_TL    TRANSFER .23,TR_TL2,TR_TL1  
TR_TL1   TABULATE TAB_1  
         TRANSFER ,OUT_L  
TR_TL2   TABULATE TAB_2  
         TRANSFER ,OUT_L
```

```
OUT_H    TERMINATE 1  
OUT_M    TERMINATE 1  
OUT_L    TERMINATE 1  
START 100
```

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Tuesday, April 11, 2023 18:04:54

START TIME	END TIME	BLOCKS	FACILITIES	STORAGES
0.000	5928.401	68	4	0

NAME	VALUE
DEV1	10006.000
DEV2	10009.000
DEV3	10010.000
DEV4	10011.000
OUT_H	66.000
OUT_L	68.000
OUT_M	67.000
PN_HP	36.000
PN_MP	21.000
QHPR	10007.000
QLPR	10008.000
QMPR	10005.000
TAB_1	10003.000
TAB_2	10004.000
TR_TH	51.000
TR_TH1	52.000
TR_TH2	54.000
TR_TL	61.000
TR_TL1	62.000
TR_TL2	64.000
TR_TM	56.000
TR_TM1	57.000
TR_TM2	59.000
ZEXP	10000.000
ZFN4	10001.000
ZFN5	10002.000

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	49	0	0
	2	TRANSFER	49	0	0
	3	GENERATE	48	0	0
	4	TRANSFER	48	0	0
	5	GENERATE	49	0	0
	6	QUEUE	49	40	0
	7	SEIZE	9	0	0
	8	DEPART	9	0	0
	9	ADVANCE	9	0	0
	10	RELEASE	9	0	0
	11	SEIZE	9	0	0
	12	ADVANCE	9	0	0

	11	SEIZE	9	0	0
	12	ADVANCE	9	0	0
	13	RELEASE	9	0	0
	14	SEIZE	9	0	0
	15	ADVANCE	9	0	0
	16	RELEASE	9	0	0
	17	SEIZE	9	0	0
	18	ADVANCE	9	0	0
	19	RELEASE	9	0	0
PN_MP	20	TRANSFER	9	0	0
	21	QUEUE	48	0	0
	22	SEIZE	48	0	0
	23	DEPART	48	0	0
	24	ADVANCE	48	1	0
	25	RELEASE	47	0	0
	26	SEIZE	47	0	0
	27	ADVANCE	47	0	0
	28	RELEASE	47	0	0
	29	SEIZE	47	0	0
	30	ADVANCE	47	0	0
	31	RELEASE	47	2	0
	32	SEIZE	45	0	0
	33	ADVANCE	45	0	0
	34	RELEASE	45	0	0
PN_HP	35	TRANSFER	45	0	0
	36	QUEUE	49	1	0
	37	SEIZE	48	0	0
	38	DEPART	48	0	0
	39	ADVANCE	48	0	0
	40	RELEASE	48	0	0
	41	SEIZE	48	0	0
	42	ADVANCE	48	0	0
	43	RELEASE	48	0	0
	44	SEIZE	48	0	0
	45	ADVANCE	48	0	0
	46	RELEASE	48	1	0
	47	SEIZE	47	0	0
	48	ADVANCE	47	1	0
	49	RELEASE	46	0	0
TR_TH	50	TRANSFER	46	0	0
TR_TH1	51	TRANSFER	9	0	0
	52	TABULATE	2	0	0
	53	TRANSFER	2	0	0
TR_TH2	54	TABULATE	7	0	0
	55	TRANSFER	7	0	0
TR_TM	56	TRANSFER	45	0	0
TR_TM1	57	TABULATE	11	0	0
	58	TRANSFER	11	0	0
TR_TM2	59	TABULATE	34	0	0
	60	TRANSFER	34	0	0
TR_TL	61	TRANSFER	46	0	0
TR_TL1	62	TABULATE	6	0	0
	63	TRANSFER	6	0	0

TR_TM2	59	TABULATE	34	0	0
	60	TRANSFER	34	0	0
TR_TL	61	TRANSFER	46	0	0
TR_TL1	62	TABULATE	6	0	0
	63	TRANSFER	6	0	0
TR_TL2	64	TABULATE	40	0	0
	65	TRANSFER	40	0	0
OUT_H	66	TERMINATE	9	0	0
OUT_M	67	TERMINATE	45	0	0
OUT_L	68	TERMINATE	46	0	0

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
DEV1	105	0.978	55.229	1	144	0	0	0	41
DEV2	104	0.000	0.000	1	0	0	0	0	0
DEV3	104	0.000	0.000	1	0	0	0	0	0
DEV4	101	0.642	37.664	1	140	0	0	0	3

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE. CONT.	AVE. TIME	AVE. (-0)	RETRY
QMPR	2	0	48	1	0.473	58.391	59.633	0
QHPR	1	1	49	0	0.268	32.482	32.482	0
QLPR	40	40	49	0	19.154	2317.424	2317.424	0

TABLE	MEAN	STD. DEV.	RANGE		RETRY FREQUENCY		CUM. %
TAB_1	413.694	878.443			0		
		0.000	-	118.000		4	21.05
		118.000	-	236.000		9	68.42
		236.000	-	354.000		4	89.47
		354.000	-	472.000		0	89.47
		472.000	-	590.000		0	89.47
		590.000	-	708.000		0	89.47
		708.000	-	826.000		0	89.47
		826.000	-	-		2	100.00
TAB_2	313.608	587.407			0		
		0.000	-	89.000		12	14.81
		89.000	-	178.000		38	61.73
		178.000	-	267.000		19	85.19
		267.000	-	356.000		4	90.12
		356.000	-	445.000		1	91.36
		445.000	-	534.000		1	92.59
		534.000	-	623.000		0	92.59
		623.000	-	-		6	100.00

FEC	XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
147	2		5948.089	147	0	3		
144	2		5974.668	144	24	25		
148	1		5999.659	148	0	5		
140	3		6029.236	140	48	49		
149	3		6036.111	149	0	1		

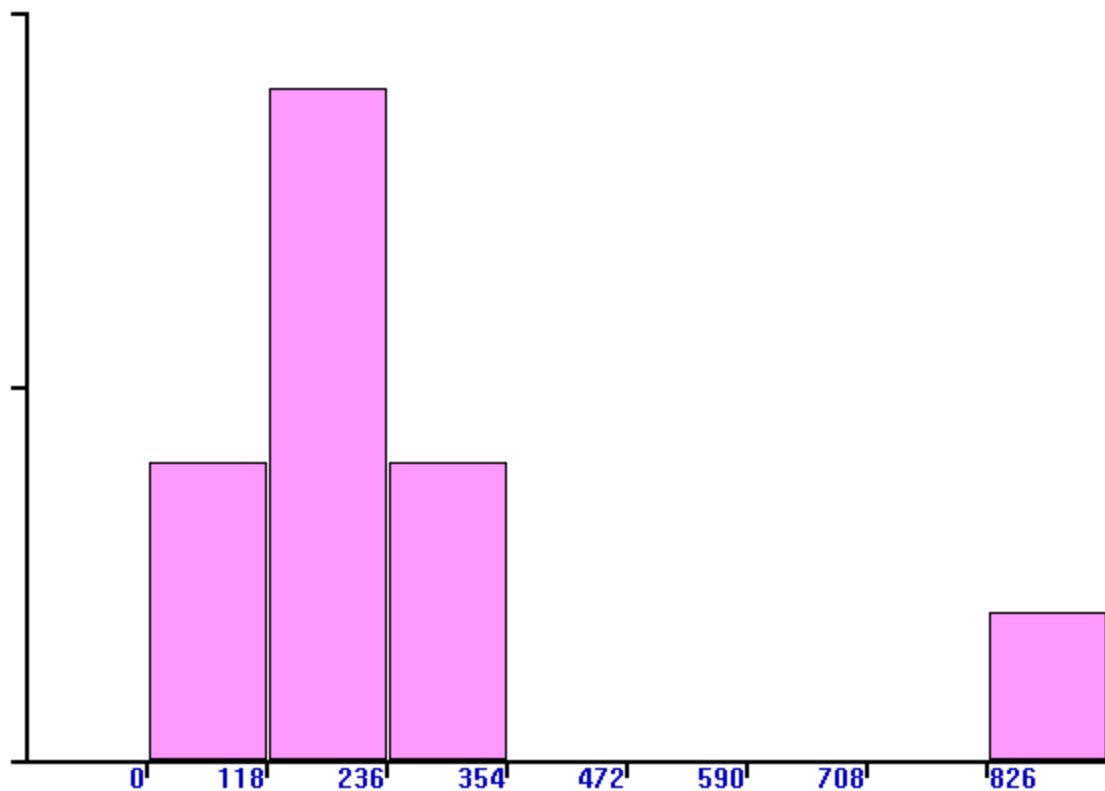
TAB_1

Mean: 413.694

S.D.: 878.443

10

0



TAB_2

Mean: 313.608

S.D.: 587.407

