

ORIGIN = 0

StA := "dat\Apty1505"

Bg := 2

StB := "dat\Bksn1505"

Fn := 5

ext := ".txt"

SecS := 86400

J := 0 .. 3

zvJ := 100 + Bg + J

StA1J := concat(StA, substr(num2str(zvJ), 1, 2), ext)

StB1J := concat(StB, substr(num2str(zvJ), 1, 2), ext)

RSaJ := READPRN(StA1J)

RSbJ := READPRN(StB1J)

J =

0
1
2
3

RSaJ = $\left(\begin{array}{l} \{67941,6\} \\ \{73530,6\} \\ \{66465,6\} \\ \{59545,6\} \end{array} \right)$

StA1J = $\left(\begin{array}{l} "dat\Apty150502.txt" \\ "dat\Apty150503.txt" \\ "dat\Apty150504.txt" \\ "dat\Apty150505.txt" \end{array} \right)$

aRaJ := rows(RSaJ)

bRaJ := cols(RSaJ)

aRbJ := rows(RSbJ)

bRbJ := cols(RSbJ)

Rzm := rows(RSa)

Rzm = 4

$$\text{StA1} = \begin{pmatrix} \text{"dat\Apty150502.txt"} \\ \text{"dat\Apty150503.txt"} \\ \text{"dat\Apty150504.txt"} \\ \text{"dat\Apty150505.txt"} \end{pmatrix}$$

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ApJ := | As ← csort(RSaJ,3)
        | for i ∈ 0..aRaJ - 1
        |   break if [(As)^(3)]_i > 5
        | As1 ← submatrix(As,i,aRaJ - 1,0,5)
        | aAs1 ← rows(As1)
        | for i ∈ 0..aAs1 - 1
        |   | Ai,0 ← i
        |   | Ai,2 ← [(As1)^(3)]_i
        |   | Ai,1 ← [(As1)^(4)]_i +  $\frac{\text{floor}\left[\frac{[(As1)^(5)]_i}{10}\right]}{100000}$ 
        | A ← csort(A,1)
        | for i ∈ 0..aAs1 - 1
        |   Ai,0 ← i
        | A
```

$$aA_J := \text{rows}(Ap_J)$$

$$\text{Tap}_J := \frac{(Ap_J)_{aA_J-1,1} - (Ap_J)_{0,1}}{aA_J - 1}$$

$$aA = \begin{pmatrix} 67941 \\ 73530 \\ 73530 \\ 73530 \end{pmatrix}$$

$$\text{Tap} = \begin{pmatrix} 1.27170374816 \\ 1.17503565274 \\ 1.17501285003 \\ 1.17498167988 \end{pmatrix}$$

$$(Ap_J)_{aA_J-1,1} =$$

	0
0	86400.17075
1	86400.13065000001
2	86400.13065000001
3	86400.13065000001

$$\frac{\sum \text{Tap}}{\text{Rzm}} = 1.1991834827$$

$$Ap_1 =$$

	0	1	2
0	0	0.93414	6
1	1	1.2929	6
2	2	3.61183	6
3	3	5.52918	7
4	4	6.48498	7
5	5	7.68257	7
6	6	8.47659	6
7	7	8.66473	6
8	8	10.75779	6
9	9	11.28648	15
10	10	11.48558	6
11	11	12.8673	11
12	12	14.28777	6
13	13	16.01387	7
14	14	18.91662	16
15	15	19.71024	...