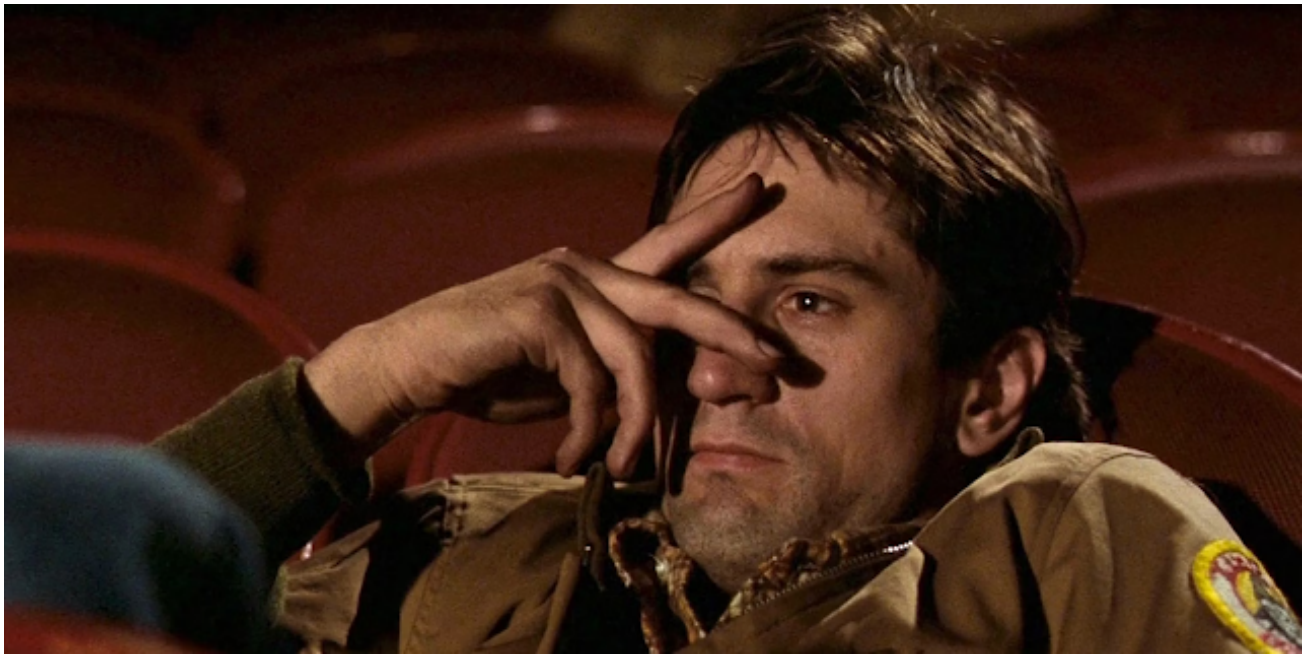
Cinquante signes

Talking to me?

février 16, 2024



Lexicographically earliest sequence of nonnegative terms such that the *last digit* of a(n) is present in a(n+1)
[corrected by Giorgos **Kalogeropoulos** and extended –red numbers– by Scott **Shannon** – this is now A370400 in the OEIS**]**:
S = 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 101, 1, 11, 12, 2, 21, 13, 3, 23, 31, 14, 4, 24, 34, 41, 15, 5, 25, 35, 45, 51, 16, 6, 26, 36, 46, 56, 61, 17, 7, 27, 37, 47, 57, 67, 71, 18, 8, 28, 38, 48, 58, 68, 78, 81, 19, 9, 29, 39, 49, 59, 69, 79, 89, 91, 102, 22, 32, 42, 52, 62, 72, 82, 92, 112, 120, 103, 33, 43, 53, 63, 73, 83, 93, 113, 123, 130, 104, 44, 54, 64, 74, 84, 94, 114, 124, 134, 140, 105, 55, 65, 75, 85, 95, 115, 125, 135, 145, 150, 106, 66, 76, 86, 96, 116, 126, 136, 146, 156, 160, 107, 77, 87, 97, 117, 127, 137,

147, 157, 167, 170, 108, 88, 98, 118, 128, 138, 148, 158, 168, 178,
180, 109, 99, 119, 129, 139, 149, 159, 169, 179, 189, 190, 110,
200, 201, 111, 121, 122, 132, 142, 152, 162, 172, 182, 192, 202,
203, 131, 133, 143, 153, 163, 173, 183, 193, 213, 223, 230, 204,
141, 144, 154, 164, 174, 184, 194, 214, 224, 234, 240, 205, 151,
155, 165, 175, 185, 195, 215, 225, 235, 245, 250, 206, 161, 166,
176, 186, 196, 216, 226, 236, 246, 256, 260, 207, 171, 177, 187,
197, 217, 227, 237, 247, 257, 267, 270, 208, 181, 188, 198, 218,
228, 238, 248, 258, 268, 278, 280, 209, 191, 199, 219, 229, 239,
249, 259, 269, 279, 289, 290, 210, 220, 300, 301, 211, 212, 221,
231, 241, 251, 261, 271, 281, 291, 310, 302, 222, 232, 233, 243,
253, 263, 273, 283, 293, 303, 304, 242, 244, 254, 264, 274, 284,
294, 314, 324, 334, 340, 305, 252, 255, 265, 275, 285, 295, 315,
325, 335, 345, 350, 306, 262, 266, 276, 286, 296, 316, 326, 336,
346, 356, 360, 307, 272, 277, 287, 297, 317, 327, 337, 347, 357,
367, 370, 308, 282, 288, 298, 318, 328, 338, 348, 358, 368, 378,
380, 309, 292, 299, 319, 329, 339, 349, 359, 369, 379, 389, 390,
320, 330, 400, 401, 311, 312, 321, 313, 322, 323, 331, 341, 351,
361, 371, 381, 391, 410, 402, 332, 342, 352, 362, 372, 382, 392,
412, 420, 403, 333, 343, 344, 354, 364, 374, 384, 394, 404, 405,
353, 355, 365, 375, 385, 395, 415, 425, 435, 445, 450, 406, 363,
366, 376, 386, 396, 416, 426, 436, 446, 456, 460, 407, 373, 377,
387, 397, 417, 427, 437, 447, 457, 467, 470, 408, 383, 388, 398,
418, 428, 438, 448, 458, 468, 478, 480, 409, 393, 399, 419, 429,
439, 449, 459, 469, 479, 489, 490, 430, 440, 500, 501, 411, 413,
423, 431, 414, 421, 441, 451, 461, 471, 481, 491, 510, 502, 422,
424, 432, 442, 452, 462, 472, 482, 492, 512, 520, 503, 433, 434,
443, 453, 463, 473, 483, 493, 513, 523, 530, 504, 444, 454, 455,
465, 475, 485, 495, 505, 506, 464, ...

Lexicographically earliest sequence of nonnegative terms such that the *first digit* of a(n) is present in a(n+1) [this is now A370401 in the OEIS]:

T = 0, 10, 1, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 2, 20, 22,
23, 24, 25, 26, 27, 28, 29, 32, 3, 30, 31, 33, 34, 35, 36, 37, 38,

39, 43, 4, 40, 41, 42, 44, 45, 46, 47, 48, 49, 54, 5, 50, 51, 52, 53, 55, 56, 57, 58, 59, 65, 6, 60, 61, 62, 63, 64, 66, 67, 68, 69, 76, 7, 70, 71, 72, 73, 74, 75, 77, 78, 79, 87, 8, 80, 81, 82, 83, 84, 85, 86, 88, 89, 98, 9, 90, 91, 92, 93, 94, 95, 96, 97, 99, 109, 100, 101, 102, 103, 104, 105, 106, 107, 108, 110, 111, ...

Lexicographically earliest sequence of nonnegative terms such that the *last digit* of a(n) is present in a(n+1) and the *last letter* of the English name of a(n) is present in the English name of a(n+1) [corrected and extended by **GK** – this is now A370402 in the OEIS]:
U = 0, 40, 20, 30, 50, 60, 70, 80, 90, 120, 130, 140, 150, 160, 170, 180, 190, 220, 230, 240, 250, 260, 270, 280, 290, 320, 330, 340, 350, 360, 370, 380, 390, 420, 430, 440, 450, 460, 470, 480, 490, 520, 530, 540, 550, 560, 570, 580, 590, 620, 630, 640, 650, 660, 670, 680, 690, 720, 730, 740, 750, 760, 770, 780, 790, 820, 830, 840, 850, 860, ...

U = **0** zero, 4**0** forty, 2**0** twenty, 3**0** thirty, 5**0** fifty, 6**0** sixty, 7**0** seventy, 8**0** eighty, 9**0** ninety, 12**0** one hundred twenty, 13**0** one hundred thirty, 14**0** one hundred forty, 15**0** one hundred fifty, 16**0** one hundred sixty, 17**0** one hundred seventy, 18**0** one hundred eighty, 19**0** one hundred ninety, 22**0** two hundred twenty, 23**0** two hundred thirty, 24**0** two hundred forty, 25**0** two hundred fifty, 26**0** two hundred sixty, 27**0** two hundred seventy, 28**0** two hundred eighty, 29**0** two hundred ninety, 32**0** three hundred twenty, 33**0** three hundred thirty, 34**0** three hundred forty, 35**0** three hundred fifty, 36**0** three hundred sixty, 37**0** three hundred seventy, 38**0** three hundred eighty, 39**0** three hundred ninety, ...

Lexicographically earliest sequence of positive integers such that the *first digit* of a(n) is present in a(n+1) and the *first letter* of the English name of a(n) is present in the English name of a(n+1) [corrected and extended by **GK** – this is now A370403 in the OEIS]:
V = 1, 14, 15, 41, 4, 24, 2, 12, 10, 13, 16, 17, 61, 6, 26, 20, 21, 22, 23, 25, 27, 28, 29, 32, 3, 30, 31, 33, 34, 35, 36, 37, 38, 39,

43, 40, 42, 44, 45, 46, 47, 48, 49, 54, 5, 50, 51, 52, 53, 55, 56, 57, 58, 59, 65, 60, 62, 63, 64, 66, 67, 68, 69, 76, 7, 70, 71, 72, 73, 74, 75, 77, 78, 79, 87, 8, 18, 11, 19, 81, 80, 82, 83, 84, 85, 86, 88, 89, 98, 9, 90, 91, 92, 93, 94, 95, 96, 97, 99, 109...

V = **1** one, **1**4 fourteen, **1**5 fifteen, **4**1 forty-one, **4** four, 2**4** twenty-four, 2 two, **1**2 twelve, **1**0 ten **1**3 thirteen, **1**6 sixteen, **1**7 seventeen, 6**1** sixty-one, 6 six, **2**6 twenty-six, **2**0 twenty, **2**1 twenty-one, **2**2 twenty-two, **2**3 twenty-three, **2**5 twenty-five, **2**7 twenty-seven, **2**8 twenty-eight, **2**9 twenty-nine, 3**2** thirty-two, **3** three, **3**0 thirty, **3**1 thirty-one, **3**3 thirty-three, **3**4 thirty-four, **3**5 thirty-five, **3**6 thirty-six, **3**7 thirty-seven, **3**8 thirty-eight, **3**9 thirty-nine, 4**3** forty-three, **4**0 forty, **4**2 forty-two, **4**4 forty-four, **4**5 forty-five, **4**6 forty-six, **4**7 forty-seven, **4**8 forty-eight, **4**9 forty-nine, 5**4** fifty-four, **5** five, **5**0 fifty, ...

Lexicographically earliest sequence of nonnegative terms such that the *last digit* of a(n) is present in a(n+1), the *last letter* of the English name of a(n) is present in the English name of a(n+1) and the *last letter* of the French name of a(n) is present in the French name of a(n+1) [corrected and extended by **GK** – this is now A370404 in the OEIS]:

W = 0, 103, 3, 23, 33, 37, 7, 17, 27, 47, 57, 67, 70, 60, 30, 40, 50, 80, 160, 90, 170, 190, 220, 20, 120, 130, 140, 150, 180, 260, 230, 240, 250, 270, 280, 320, 290, 360, 330, 340, 350, 370, 390, 460, 380, 470, 490, 560, 420, 430, 440, 450, 480, 570, 590, 620, 520, 530, 540, 550, 580, 630, 640, 650, 660, 670, 680, 690, 760, 720, 730, 740, 750, 770, 790, 860, 780, 870, 890, 960, 820, 830, 840, 850, 880, 970, 990, 1022, 2, 22, 32, 42, 52, 62, 72, 21, 1, 11, 13, 31, 15, 51, 19, 9, 29, 39, 49, 59, 69, 79, 89, 99, 109, 119, 129, 139, 149, 159, 169, 179, 189, 199, 209, 219, 229, 239, 249, 259, 269, 279, 289, 299, 309, 319, 329, 339, 349, 359, 369, 379, 389, 399, 409, 419, 429, 439, 449, 459, 469, 479, 489, 499, 509, 519, 529, 539, 549, 559, 569, 579, 589, 599, 609, 619, 629, 639, 649, 659, 669, 679, 689, 699, 709, 719, 729, 739, 749, 759, 769, 779, 789, 799, 809, 819, 829, 839, 849, 859, 869, 879, 889,

899, 900, 106, 6, 26, 36, 46, 56, 61, ...

0	zero	zéro
10**3**	one hundred three	cent trois
3	three	trois
2**3**	twenty-three	vingt-trois
3**3**	thirty-three	trente-trois
37	thirty-seven	trente-sept
7	seven	sept
1**7**	seventeen	dix-sept
2**7**	twenty-seven	vingt-sept
4**7**	forty-seven	quarante-sept
5**7**	fifty-seven	cinquante-sept
6**7**	sixty-seven	soixante-sept
70	seventy	soixante-dix
6**0**	sixty	soixante
3**0**	thirty	trente
4**0**	forty	quarante
5**0**	fifty	cinquante
8**0**	eighty	quatre-vingts
16**0**	one hundred sixty	cent soixante
9**0**	ninety	quatre-vingt-dix
17**0**	one hundred seventy	cent soixante-dix
19**0**	one hundred ninety	cent quatre-vingt-dix
22**0**	two hundred twenty	deux cent vingt
2**0**	twenty	vingt
12**0**	one hundred twenty	cent vingt
13**0**	one hundred thirty	cent trente
14**0**	one hundred forty	cent quarante
15**0**	one hundred fifty	cent cinquante
18**0**	one hundred eighty	cent quatre-vingts
26**0**	two hundred sixty	deux cent soixante
23**0**	two hundred thirty	deux cent trente

```
240  two hundred forty     deux cent quarante
250  two hundred fifty     deux cent cinquante
270  two hundred seventy   deux cent soixante-dix
280  two hundred eighty    deux cent quatre-vingts
320  three hundred twenty  trois cent vingt
290  two hundred ninety    deux cent quatre-vingt-dix
...
```

Lexicographically earliest sequence of positive terms such that the *first digit* of a(n) is present in a(n+1), the *first letter* of the English name of a(n) is present in the English name of a(n+1) and the *first letter* of the French name of a(n) is present in the French name of a(n+1) [this is now A370405]:

```
x = 1, 14, 15, 41, 4, 24, 20, 21, 22, 23, 25, 26, 27, 28, 29, 82,
48, 34, 3, 13, 17, 117, 51, 5, 35, 30, 31, 32, 33, 36, 37, 38, 39,
43, 40, 42, 44, 45, 46, 47, 49, 54, 50, 52, 53, 55, 56, 57, 58, 59,
65, 6, 16, 61, 60, 62, 63, 64, 66, 67, 68, 69, 76, 7, 70, 71, 72,
73, 74, 75, 77, 78, 79, 87, 80, 81, 83, 84, 85, 86, 88, 89, 98, 90,
91, 92, 93, 94, 95, 96, 97, 99, 149, 100, 101, 102, 103, 104, 105,
106, ...
```

Many thanks to **Giorgos** and **Scott**!

(Dall-e creation)

Pour laisser un commentaire, cliquez sur le bouton ci-dessous afin de vous connecter avec Google.

SE CONNECTER AVEC GOOGLE

Posts les plus consultés de ce blog

A square for three (chess)

juin 22, 2024

(English translation after the French text) Voici cinq problèmes d'échecs disjoints : a) combien faut-il de coups au minimum pour que trois pions soient capturés sur la même case ? b) trois tours c) trois c ...

LIRE LA SUITE

Le tripalin se présente

avril 11, 2024

Un tripalin est constitué de trois images. Chaque image illustre un substantif. Accolés, ces trois substantifs forment une chaîne palindromique. Laquelle nous vous invitons à trouver. Exem ...

LIRE LA SUITE

Some strings au cinéma Galeries

juillet 19, 2024

Lettre ouverte au cinéma Galeries Bonsoir à tous, Je viens de voir pour la seconde fois chez vous le beau film de Léos Carax (la première fois c'était le 26 juin en présence du

réalisateur, au BRIFF). Apparut à l'écran aujourd'hui, avant la projection propre ...

LIRE LA SUITE

ÉRIC ANGELINI

CONSULTER LE PROFIL

Archiver

Signaler un abus