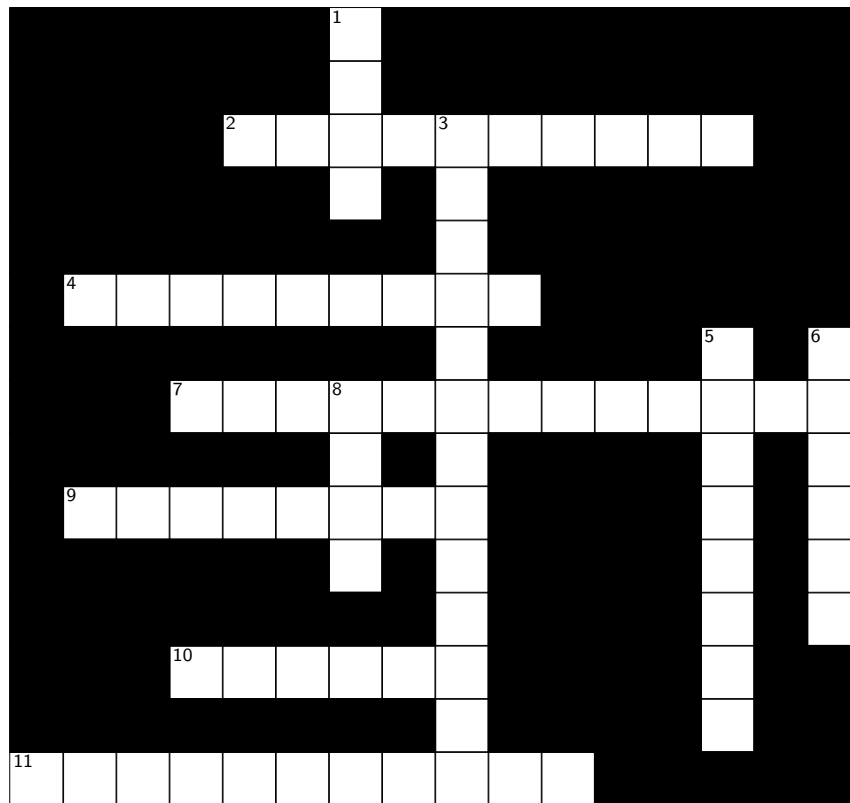


Puzzles

Crossword:



Across 2 Translator of domain names and IPs 4 packet -----: How the internet moves data 7 Distributing data to avoid server overload 9 Not in the sky, but still fluffy 10 Native American webserver 11

Down 1 Illuminating software stack used to run websites 3 ----- language, SQL for short 5 Not literally a wall on fire 6 Where the cgi scripts live 8 Service denied

Takuzu:

The goal of this problem is to fill the grid with 1 and 0. Rules:

1. There have to be the same number of 1 and 0 in each line.
2. No more than two cells in a row can contain the same digit.
3. Each row and each column have to be unique.

Answer:

1	1			0			1		
1		1				0			1
				0		0			1
	0		1		1				
	0	0				0			
							0		
0			1		1	1		0	
		0				1			
0		0					1		
	1			1		1			0

1	1	0	1	0	0	1	1	0	0
1	0	1	0	1	0	0	1	0	1
0	1	1	0	0	1	0	0	1	1
1	0	0	1	0	1	1	0	1	0
1	0	0	1	1	0	0	1	0	1
0	1	1	0	1	1	0	0	1	0
0	0	1	1	0	1	1	0	0	1
1	0	0	1	0	0	1	1	0	1
0	1	0	0	1	1	0	1	1	0
0	1	1	0	1	0	1	0	1	0

Brain teasers:

- A.** How would you convert a string to a single integer?
- B.** The sum of the primes below 10 is $2 + 3 + 5 + 7 = 17$. Find the sum of all the primes below two million. (This problem taken from Project Euler, go check them out at <http://projecteuler.net>)