

CS50 and Facebook present...

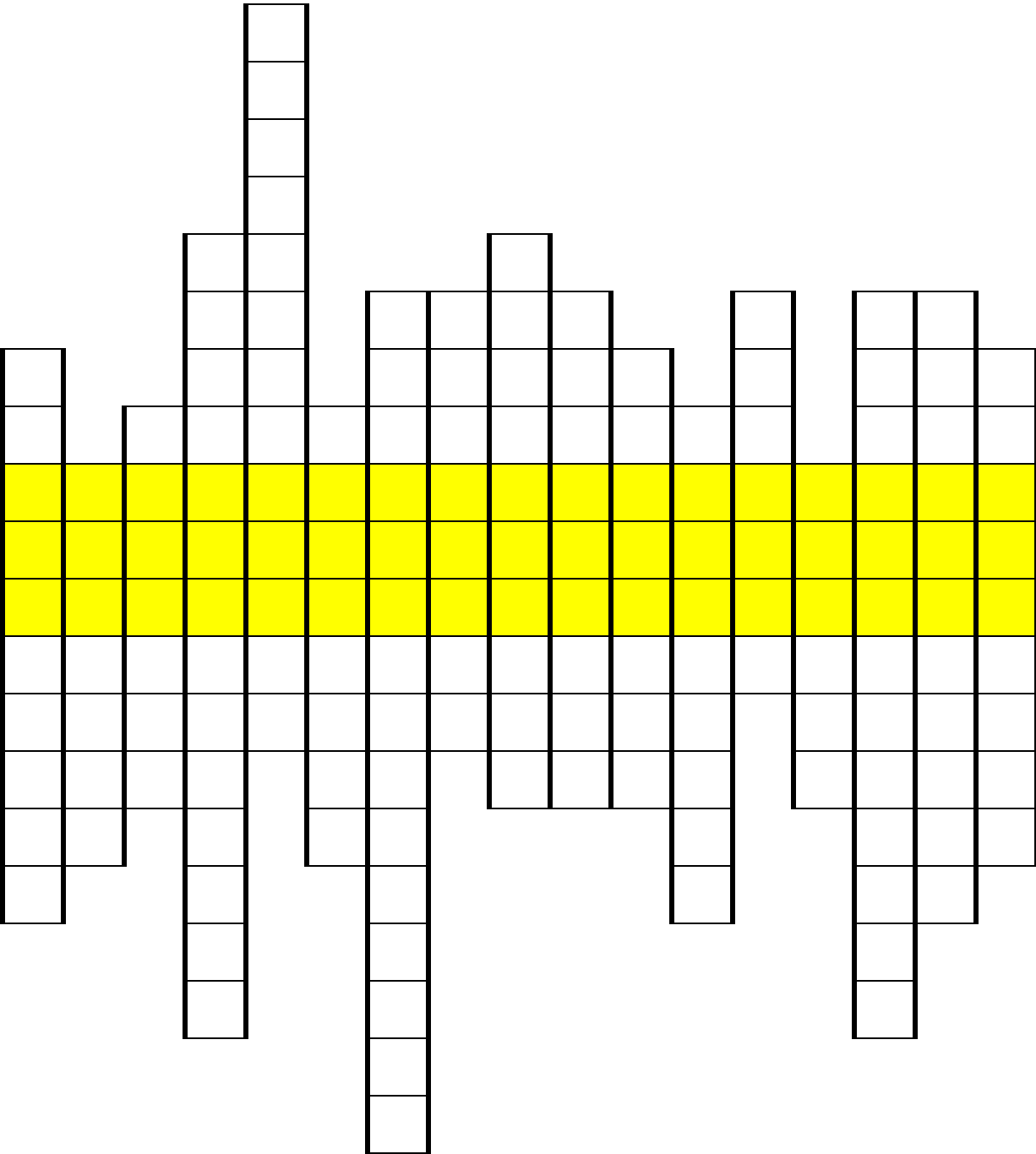
# CS50 Puzzle Day 2020

*4 September – 7 September 2020*

- This packet contains 8 puzzles, each of which is independent of the others.
- The answer to each puzzle is a single word or phrase.
- You may use the Internet and any other resources at your disposal.
- You are encouraged (but not required) to work on a team with 1, 2, or 3 classmates or friends. But you must NOT gather in person, unless you already live together. You must instead collaborate online via chat, voice, or video. Doctors' orders! Teams (whose members don't live together) discovered to have gathered in person will be disqualified.
- Submit your answers at [cs50.ly/submit](https://cs50.ly/submit) before 23:59 on Monday, 7 September 2020. If working on a team, only one member from your team should submit.
- See [cs50.ly/puzzles](https://cs50.ly/puzzles) for all rules.
- Have fun and good luck!

# Under the Radar

*How low can you go?*



Teen's salary (9)  
Lopsided victory (7)  
Subscribes to, on Twitter (7)  
Bioluminescent beetle (8)  
Dekalog director (10)  
Electric bill unit (8)  
The inside information (7)  
Like 1% milk, but not skim (6)  
Empress tree genus (9)  
Sleepover free-for-all (6 5)  
Use for a sword after a beating? (9)  
Kansas nickname (9 5)  
2010 Gold Glove winner Troy (10)  
Like a still-snowy street (8)  
One who exposes wrongdoing (13)  
Thunnus albacares (9 4)  
Transportation option for The Beatles (6 9)

ANSWER = \_ \_ \_ \_ \_

## Talk Is Cheap

Each row and column contains exactly one of twenty related words. Letters are not always contiguous within a word. Each letter is used exactly once.

P	D	E	Y	K	U	R	O	L	R
Z	A	D	U	L	O	R	C	T	Y
P	O	E	Y	R	R	S	O	O	I
B	L	O	Y	E	A	N	L	I	A
L	L	E	M	O	P	U	I	R	A
A	P	I	O	U	N	N	D	R	L
S	A	N	H	E	K	P	O	E	L
B	R	I	A	N	D	U	N	R	R
H	R	A	N	E	U	E	B	L	E
T	F	R	R	A	N	E	T	A	C

ANSWER = \_ \_ \_ \_ \_

# Universal Truth

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*It was ambitious. It was phased out.*

AE  
AM  
AMATW  
AOU  
AW  
AW  
B  
CATA  
CATWS  
CM  
DS  
GOG  
GTGV2  
IM  
IM2  
M3  
MT  
SH  
SMFFH  
T  
TIH  
TR  
TTDW

ANSWER = \_ \_ \_ \_ \_ \_ \_ \_ L \_

## We're Hungry

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*Twenty two very important people just came into the restaurant. Can you help these diners get what they need?*

**Party 1:** Houari Boumédiène, Charles de Gaulle, Leonardo da Vinci, Frédéric Chopin, and Nikola Tesla

**Party 2:** Pat McCarran, Maynard Jackson, Edward O'Hare, John Wayne, and Benito Juárez

**Party 3:** Jomo Kenyatta, David Ben-Gurion, S. W. R. D. Bandaranaike, and Indira Gandhi

**Party 4:** William Mitchell, Louis Armstrong, William Hartsfield, and John Glenn

**Party 5:** Ronald Reagan, George H. W. Bush, Luis Muñoz Marín, and Juan Santamaría

ANSWER = \_ \_ \_ \_ \_

# Lost Pets

*Have we gone blind? We can't find our pets anywhere!*



South Africa	Bolivia	Tanzania	Yemen	Ethiopia	Japan	Namibia	Sierra Leone	Sweden	Egypt
Brazil	Mali	Ukraine	Guinea	Nigeria	China	Monaco	Lithuania	Poland	Belgium
Canada	Austria	South Sudan	Turkey	Pakistan	Peru	Bahrain	Indonesia	Colombia	Georgia

ANSWER = \_\_\_\_\_

# Planning Commission

*These towns are planning where to put houses, can you help them fit exactly two into each row, column, and neighborhood? No two houses can be adjacent, either orthogonally or diagonally.*

W	S	H	K	W	B	T	Q	A
O	Z	Z	L	C	T	O	R	K
L	A	S	E	W	N	H	V	G
V	J	E	Y	T	A	C	R	N
C	S	G	T	B	L	H	L	O
I	A	T	U	B	N	I	N	S
C	O	H	I	S	J	P	S	O
J	W	C	P	P	D	T	M	T
M	K	A	X	R	C	F	H	U

TOWN A

B	A	Y	T	Y	O	R	M	C
S	J	R	D	Z	I	B	P	D
S	C	U	T	A	R	H	A	M
R	E	I	N	C	S	Q	Y	N
E	V	M	T	C	Y	K	E	G
R	A	J	U	C	H	L	T	N
Y	E	K	A	L	U	P	O	S
E	W	V	I	O	H	E	A	C
Z	T	T	H	G	V	M	L	H

TOWN B

ANSWER = \_\_\_\_\_



# Ask the Experts

*Periodically, Rayleigh and Ramsay help us out.*

- |            |                 |                |
|------------|-----------------|----------------|
| Allison    | Honjo           | Rohrer         |
| Arnold     | Horvitz         | Romer          |
| Ashkin     | Kahneman        | Ruska          |
| Binnig     | Kertész         | Saavedra Lamas |
| Born       | Koshiba         | Smith          |
| Brenner    | Lee             | Smith          |
| Buchanan   | Levi-Montalcini | Strickland     |
| Cohen      | Liu             | Sulston        |
| Dale       | Loewi           | Suzuki         |
| Davis, Jr. | Mortensen       | Tanaka         |
| Debye      | Mukwege         | Tokarczuk      |
| Diamond    | Murad           | UNHCR          |
| Enders     | Negishi         | Vargas Llosa   |
| Fenn       | Nordhaus        | Weller         |
| Geim       | Novoselov       | Wiesel         |
| Giacconi   | O'Neill         | Winter         |
| Heck       | Pauling         |                |
| Hemingway  | Pissarides      |                |
| Herschbach | Polanyi         |                |
| Hess       | Robbins         |                |

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ANSWER = -----

# The Sound of Silence

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*Listen closely.*

<https://fb.me/soundofsilencepuzzle>

ANSWER = \_ \_ \_ \_ \_