CS50 presents

CS50x Puzzle Day 2020

with special thanks to our friends at Facebook

- This packet contains 8 puzzles, each of which is independent of the others.
- The answer to each puzzle is a single word or name in English, unless otherwise specified.
- 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 discovered to have gathered in person will be disqualified and ineligible for certificates.
- Submit your answers at <u>cs50.ly/submit</u> before 23:59 on Monday, 6 April 2020. If working on a team, only one member from your team should submit.
- See <u>cs50.ly/puzzles</u> for all rules.
- Have fun and good luck!

Symbolism

ро	n'd	jam	ena	ki	war	jak	bo
rt	tal	ye	mo	ev	saw	arta	go
lou	lin	rev	SC	ab	u	ja	t
is	n	an	ow	li	m	а	á

2nd from the Southernmost

1st from the Northernmost

3rd from the Closest to Sea Level

Secret Message from U	S
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YJR SMDERT YP YJOD [IXX;R OD YJR

DOC VJSTSVYRT MS,R GPT YJR ,PDY

VP,,PM LRUNPSTF;SUPIY

Sets

CZA:RTRDSHGMRDP

SDN:ZTTFFSSEN

TR:DKPCFGS

FOTR: FSGLGABM

DS:LGGSWP

RN:IVXLCD

SR:DDPVCCBR

AS:ATGCLVLSCAP

???:????

SEEDY Round

Watch later massively crowdfunded (2011)
Restaurant delivery service that has taken criticism for pay policies (2013)
Immersive coding bootcamp in New York and Chicago (2012)
The front page of the internet, and part of the first class (2005)
Custom clothing on-demand (2013)
Competitive coding challenges (2011)
Answer:

Sword Search

You get the point...

Α	W	Α	K	I	I	Н	Т	0	Н	S	L	D	Q	Т	Е	Α	U	S	Р
Υ	G	S	S	D	F	С	0	F	I	R	Е	G	U	Е	K	Т	L	G	U
Α	S	Α	0	L	Z	R	F	S	Ε	R	I	L	W	Т	Н	S	I	U	S
L	В	С	Z	J	Ε	L	Т	F	Α	1	D	D	Т	L	Ν	I	Н	Р	I
Т	Α	Ο	S	В	L	М	С	S	I	Н	С	Α	D	Ο	Ο	Ν	J	Ν	Z
Р	L	Α	Α	I	С	Н	S	S	Е	S	D	Ο	Ο	1	Р	Α	Ο	Е	U
I	Ν	W	В	D	Т	1	D	W	S	М	S	Α	Е	Н	Е	Υ	Ε	W	Ε
0	S	R	I	Z	W	S	Ε	I	Н	Α	Ν	D	Ε	R	S	S	W	Α	0
L	Α	0	Α	Н	Α	L	С	Н	I	Т	L	Т	F	F	Н	V	0	Υ	Ε
Ε	I	Т	Ε	Q	K	Т	Ν	I	V	Н	В	Т	Ν	I	S	Т	Α	Α	В
Ε	0	М	Т	L	Α	I	Н	U	D	S	Ε	I	В	Ο	S	D	D	S	R
W	Ε	М	Ε	Н	I	Т	С	I	Ν	Ν	V	L	Ν	U	S	С	Ν	U	Ε
Α	J	G	Α	I	Z	Н	Α	Ν	Ε	В	Т	Α	Α	Т	С	S	Α	Е	I
U	G	G	L	Т	Α	D	I	U	S	S	I	М	В	L	Т	L	Н	I	Н
U	D	R	R	L	S	I	0	K	Ν	R	Е	S	I	Е	Q	S	I	Ο	V
Р	Ε	Ε	S	Т	Н	Ε	Ν	В	Α	Υ	Ο	С	Н	Ν	Т	Ο	Р	0	Ε
I	Α	Ε	Т	U	I	L	E	Χ	Ε	С	D	L	I	Е	Ε	V	0	D	S
Α	U	Р	I	0	D	0	Е	G	R	Ε	В	М	Ε	Α	L	F	S	S	Ε
Т	L	М	I	Н	Υ	0	U	М	С	С	G	D	L	G	L	Ν	Т	Α	Ε
U	Ι	Ε	Α	R	D	0	D	R	S	S	Е	V	Т	Р	S	0	Z	L	Ε

4, 5, 6, 7, 7, 7, 7, 8, 9, 9, 10

Answer (two words):

Putting It All Together

J \mathbf{E} Ε ZLOT UΖ AN HEΗ Z ST Τ \mathbf{E} HEISP Т AWP ΕO Τ ST Τ Ι 0 R AM SW S Ι Ε Н LA Н Ν 0 LE \mathbf{E} F R Ν ΙG Τ NVF UΖ

A Poem for Hannah

Evil (Sin) is alive! It covers inch by inch. No! Tie ton to ground. Protect. Pretext. Or else a new order began. A more Roman age.

Red Rowena be not proud.

Draw Caesar, erase a coward,

Find home, or harass selfless Sara.

Bring forth the maps.

DNA and Sam shall save us!

Delia, here we nine were ailed. Here we suffered. Here we fought and boxed. Don't bob to nod, Just duck and weave.

Estelle, the danger lurks,

To be prepared, set a room.

On no moor, Bates, will we be safe.

In the battle of commerce, science, and aesthetic The lab's approach may yet prevail.

No, it's opposed!

Art sees trade's opposition.

Together they triumph.

Now sir, war is won.

Answer:			

Stretch Out and Break Up to Get In

$$a * b * c * d * e + f * g + \frac{b * d}{c} - e$$