



Rooting for Security: Building a Strong Foundation from the Ground Up

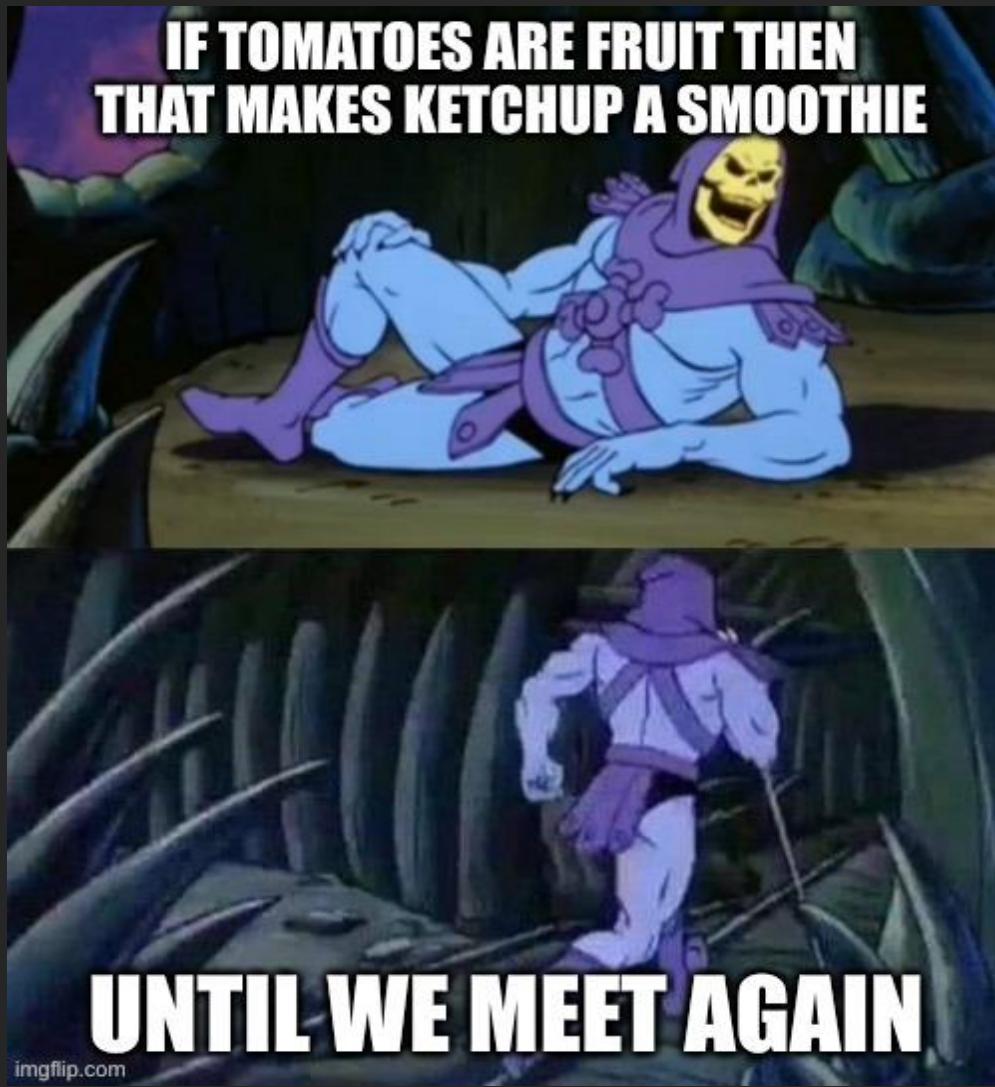
By John Harper

@rollinz007

GRASSr00tz 2023

Why this talk?







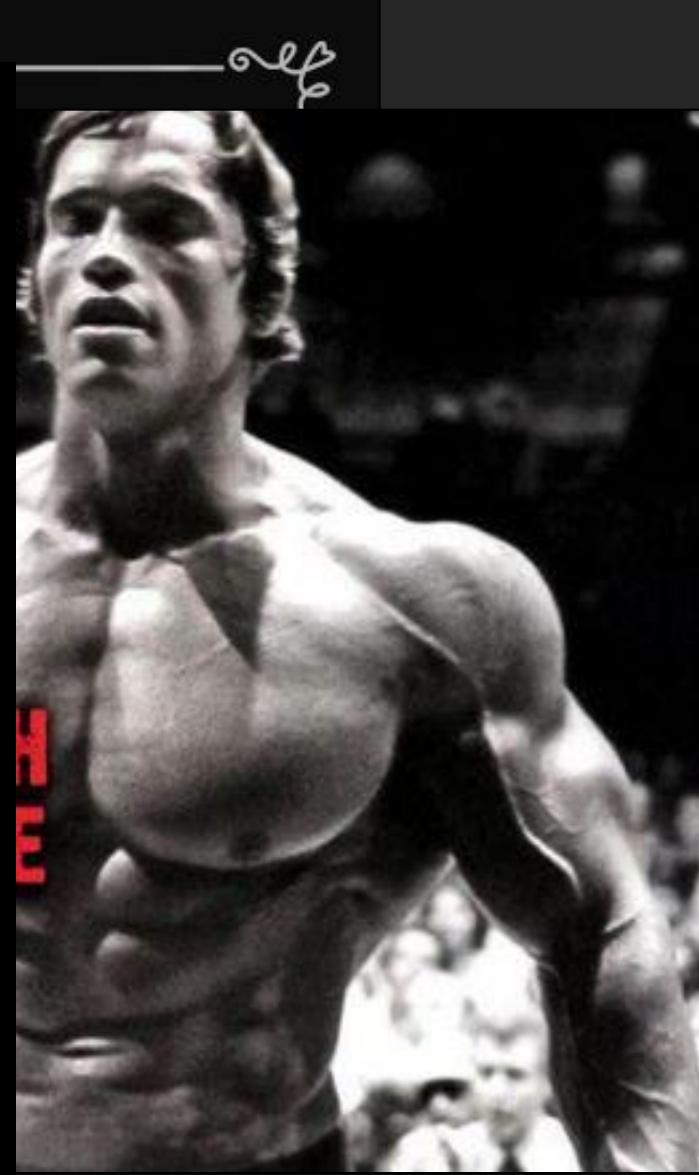


I
GO
W



NEVER GIVE UP

NEVER SURRENDER



AZ QUOTES

own are
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with
loving
happen.

CERTIFICATE OF HYPOCRISY

this award certifies that the following named person

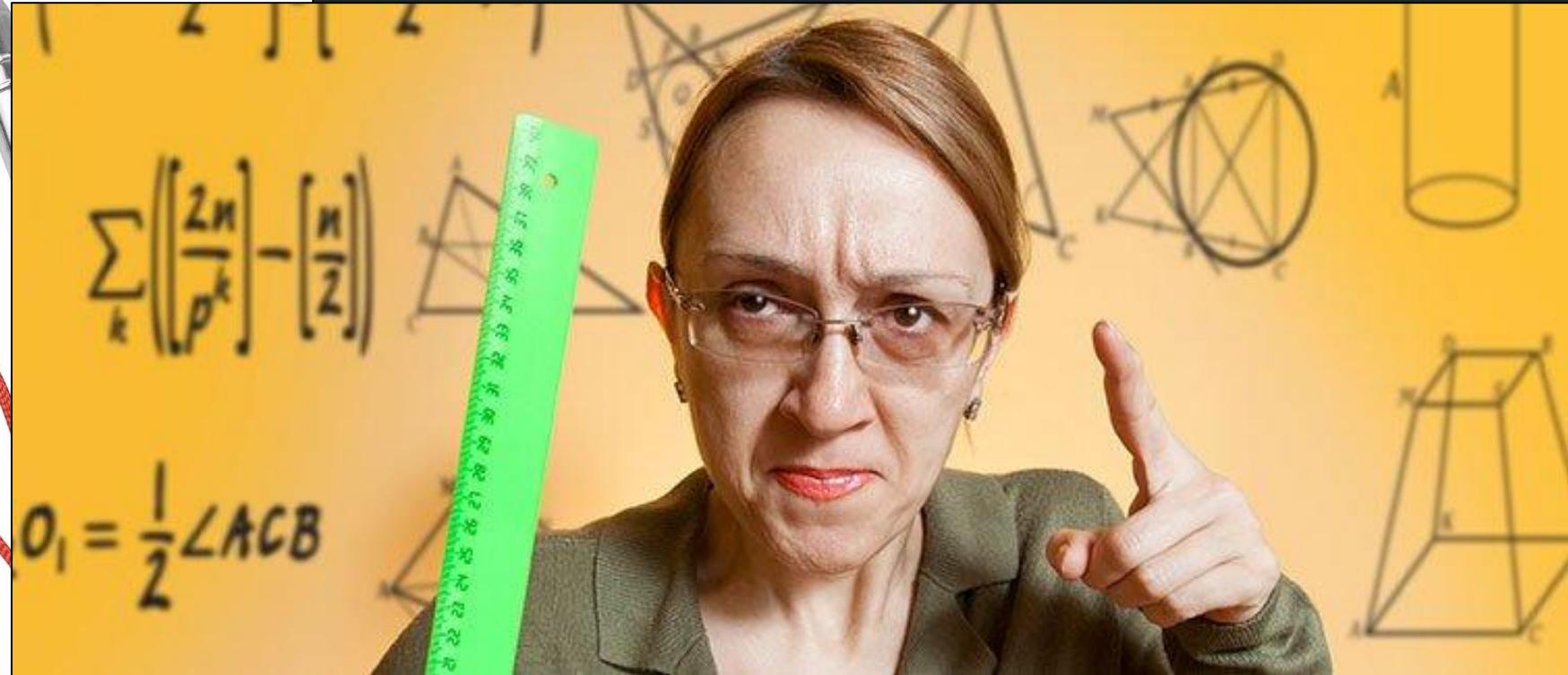
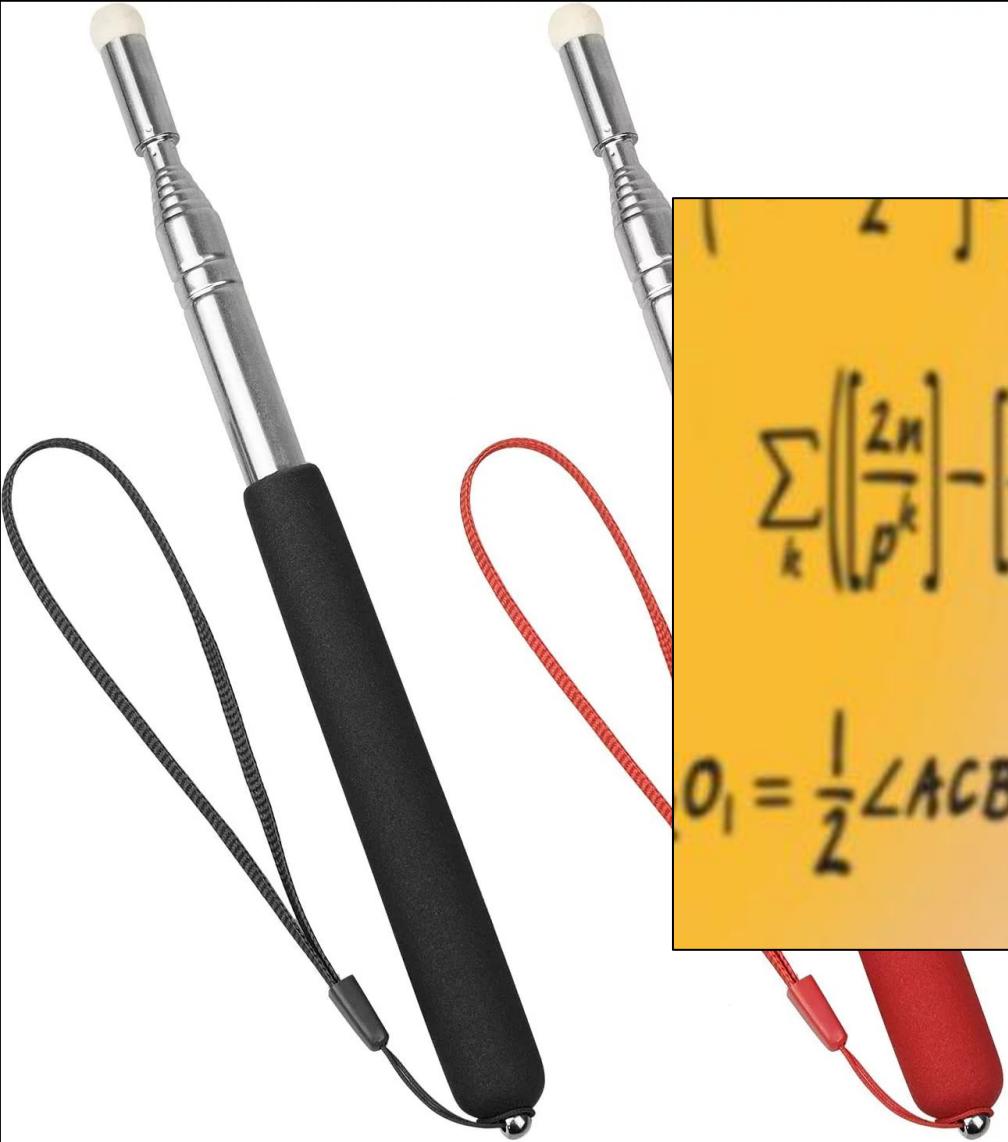
is a hypocrite of the first order for saying one thing
and doing just the opposite

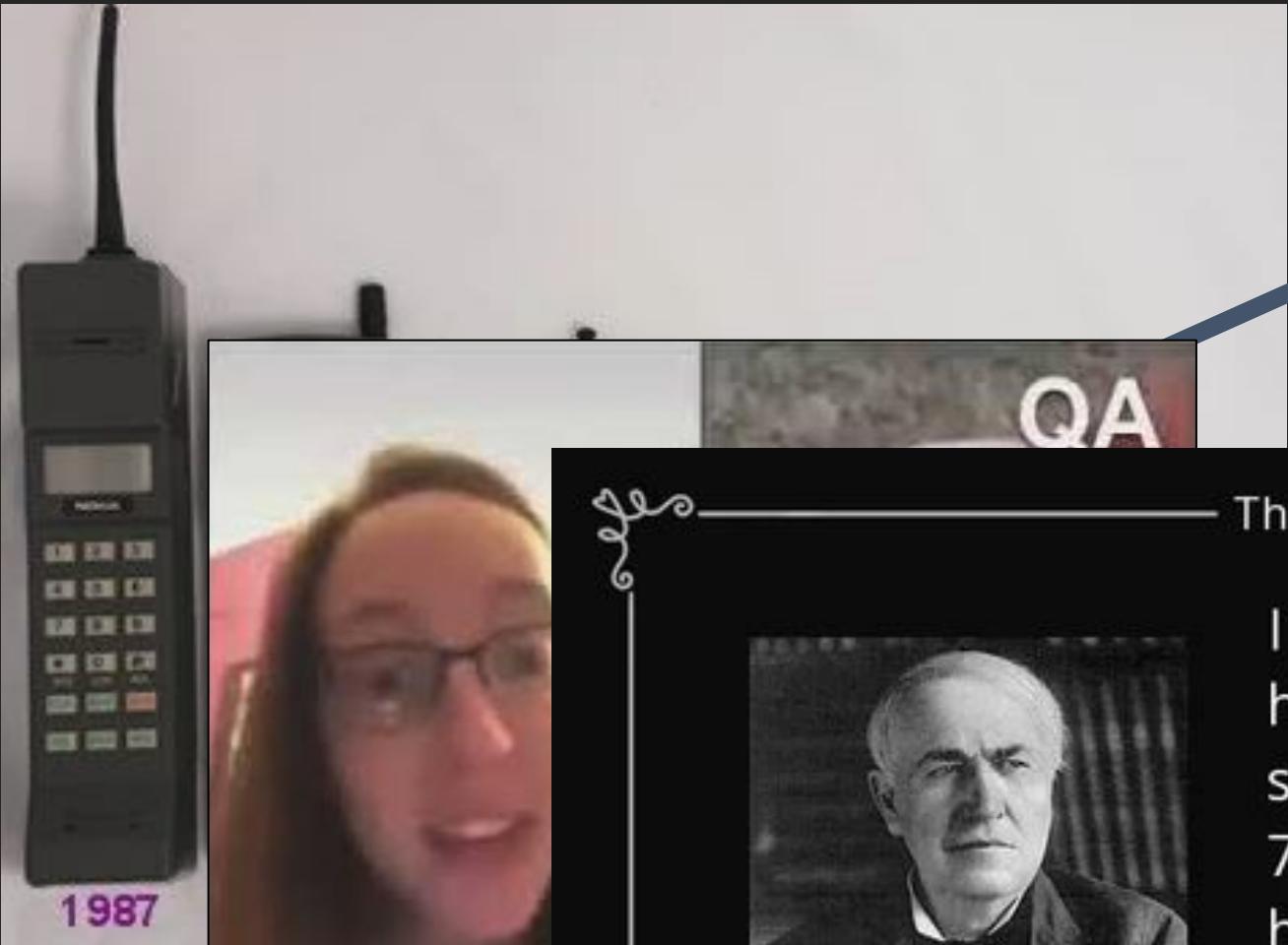
awarded this _____ day of _____, 20____



BABY
HACKER





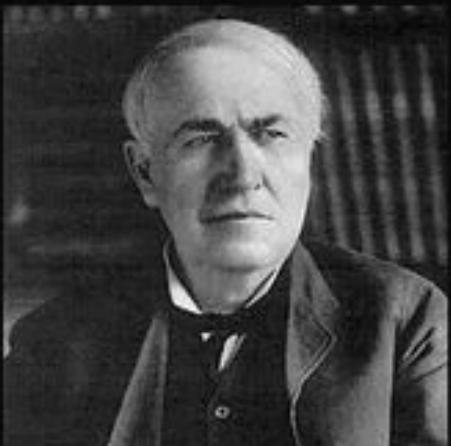


Dev

QA

I came in around here

Thomas A. Edison



I have not failed 700 times. I have not failed once. I have succeeded in proving that those 700 ways will not work. When I have eliminated the ways that will not work, I will find the way that will work.

AZ QUOTES

Starting MS-DOS...

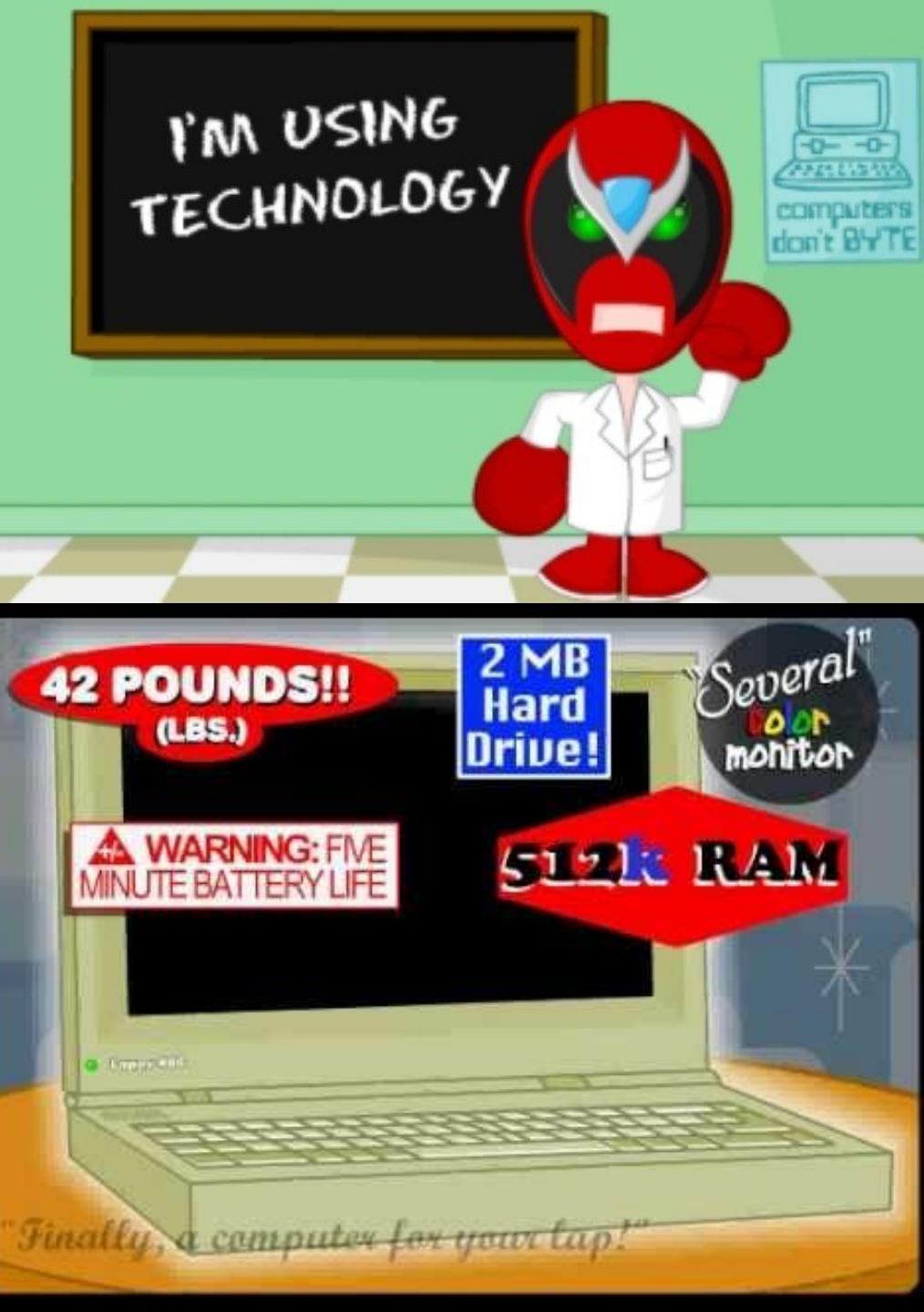
A:\>dir/w

Volume in drive A is BOOT62Z
Volume Serial Number is 3505-18E3
Directory of A:\

SYS.COM	COMMAND.COM	ATTRIB.EXE	CHKDSK.EXE	DELTREE.EXE
EMM386.EXE	FDISK.EXE	LABEL.EXE	MEM.EXE	MSCDEX.EXE
QBASIC.EXE	UNDELETE.EXE	CD2.SYS	EDIT.BAT	UNDELETE.INI
CONFIG.CD	HIMEM.SYS	CONFIG.MCD	AUTOEXEC.BAT	MOUSE.000
CD3.SYS	DOSKEY.COM	UNFORMAT.COM	TREE.COM	FIND.EXE
RESTORE.EXE	SETVER.EXE	SCANDISK.EXE	SHARE.EXE	XCOPY.EXE
QBASIC.HLP	MOUSE.INI	SCANDISK.INI	MOUSE.SYS	CD4.SYS
CD1.SYS	FORMAT.COM	MOUSE.COM	DEBUG.EXE	CONFIG.SYS
TEST.BAS	QUITEMU.COM			

42 file(s) 1,183,761 bytes
116,736 bytes free

A:\>_



their only crime was curiosity

HACKERS

UNITED ARTISTS PICTURES presents an IAN SOFTLEY film "HACKERS" JONNY LEE MILLER, ROGELIO JOLIE, FISHER STEVENS and LOBBIE BRACCO music by SIMON BOSWELL edited by CHRISTOPHER BLUNDELL MARTIN WALSH

production designer JOHN BERRO director of photography ANDRZEJ SENIOR executive producer IAN SOFTLEY co-producer JADE GRIFFITHS written by RAFAEL MOREU

produced by MICHAEL PEYSER, RALPH WINTER directed by IAN SOFTLEY

soundtrack available on 1995 Columbia Records, 90210, Germany, and the original from 1995 20th Century FOX and the 1995 20th Century FOX





DECEMBER 31, 1999
11:59 PM



JANUARY 1, 2000
12:01 AM



off the mark.com

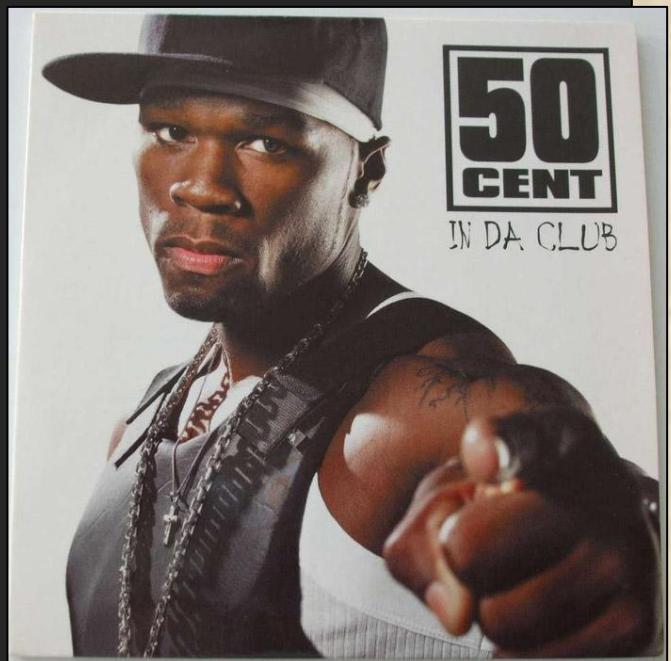
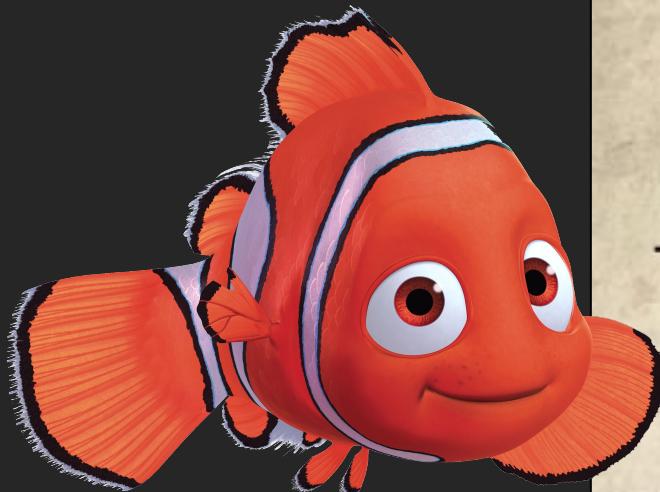
by Mark Parisi

EXCELLENT! YOU SOLVED THE YEAR 2000 COMPUTER PROBLEM! CONGRATULATIONS! NOW GET TO WORK ON THE YEAR 10,000.



SURVIVOR





BACK IN 2003

World Population
6,381,408,987

President of the United States
George W. Bush

USA Population
290 millions

Seal of the United States

Popular TV Shows

- The Apprentice
- American Idol Results
- Friends
- CSI
- ER

WHAT THINGS COST

Gallon of Milk.....	\$ 2.95
Dozen Eggs.....	\$1.56
Postage stamp.....	\$0.37
Average salary.....	\$44,411
Gallon of gas.....	\$1.59
Average new car.....	\$21,663
Average house.....	\$244,550

HISTORICAL EVENTS

CIA leak scandal:
Washington Post columnist Robert Novak publishes the name of Valerie Plame, blowing her cover as a CIA operative.

The Iraq War begins with the invasion of Iraq by the U.S.

Concorde makes its last commercial flight, bringing the era of airliner supersonic travel to a close.

Sports Highlights

- MLB World Series
Florida Marlins
- Superbowl
Tampa Bay Buccaneers
- NBA Champions
San Antonio Spurs
- Stanley Cup Champs
New Jersey Devils

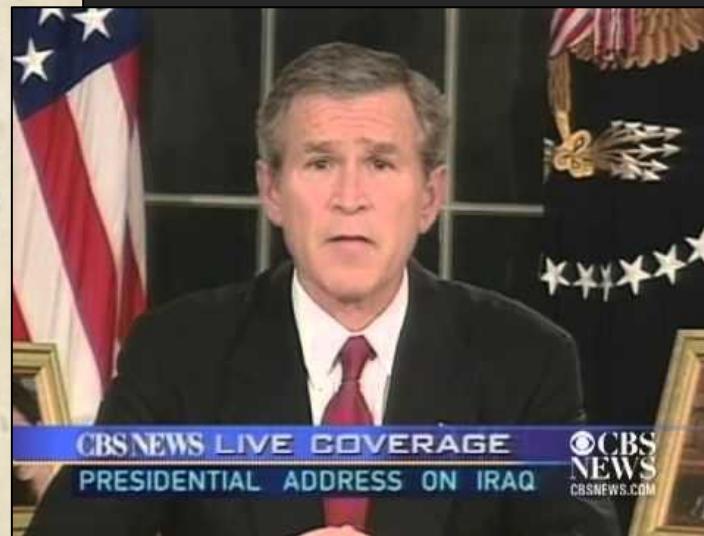
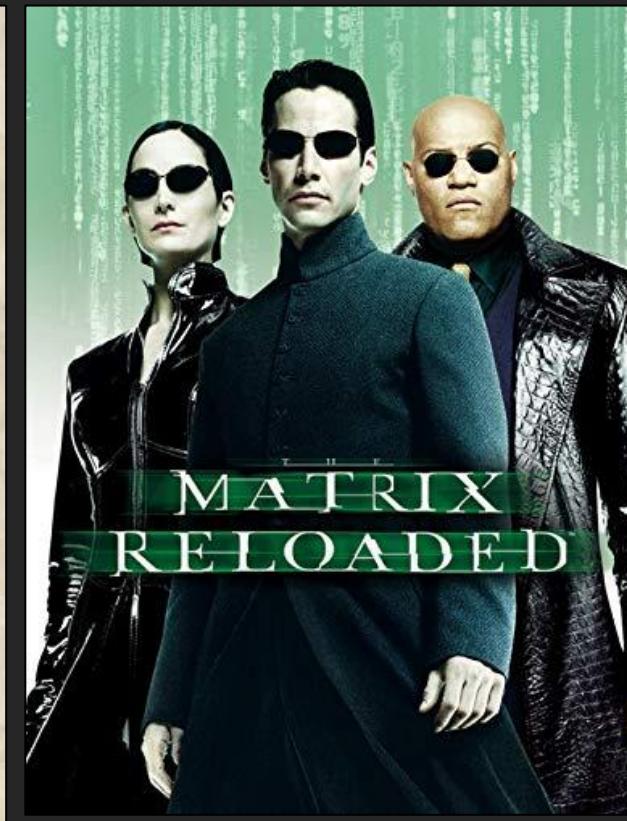
Oscar Winners

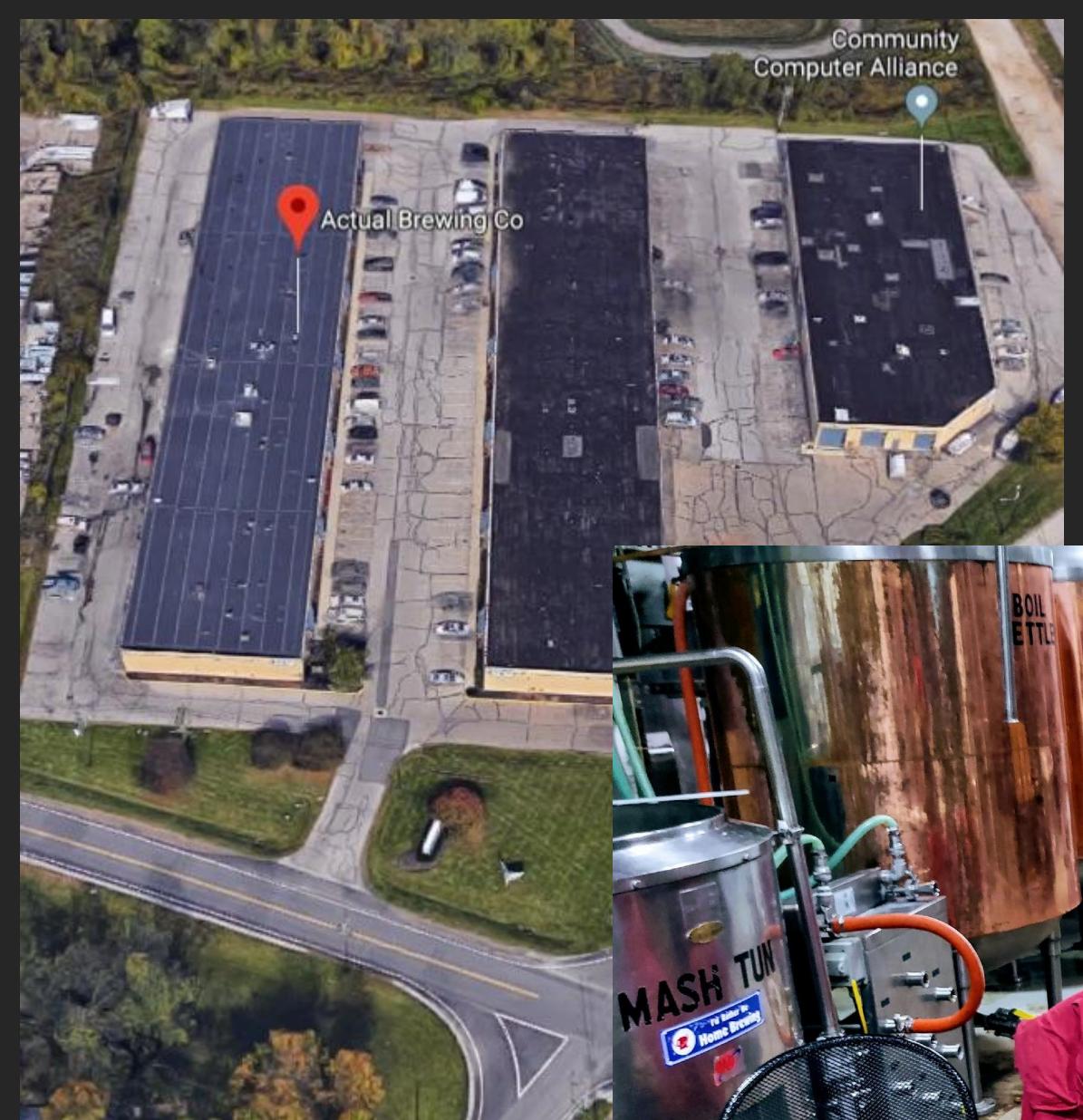
ACTOR
The Pianist
Adrien Brody

ACTRESS
Nicole Kidman
The Hours

DIRECTING
Roman Polanski

BEST PICTURE
Chicago









“I have more friends now”

-Steve

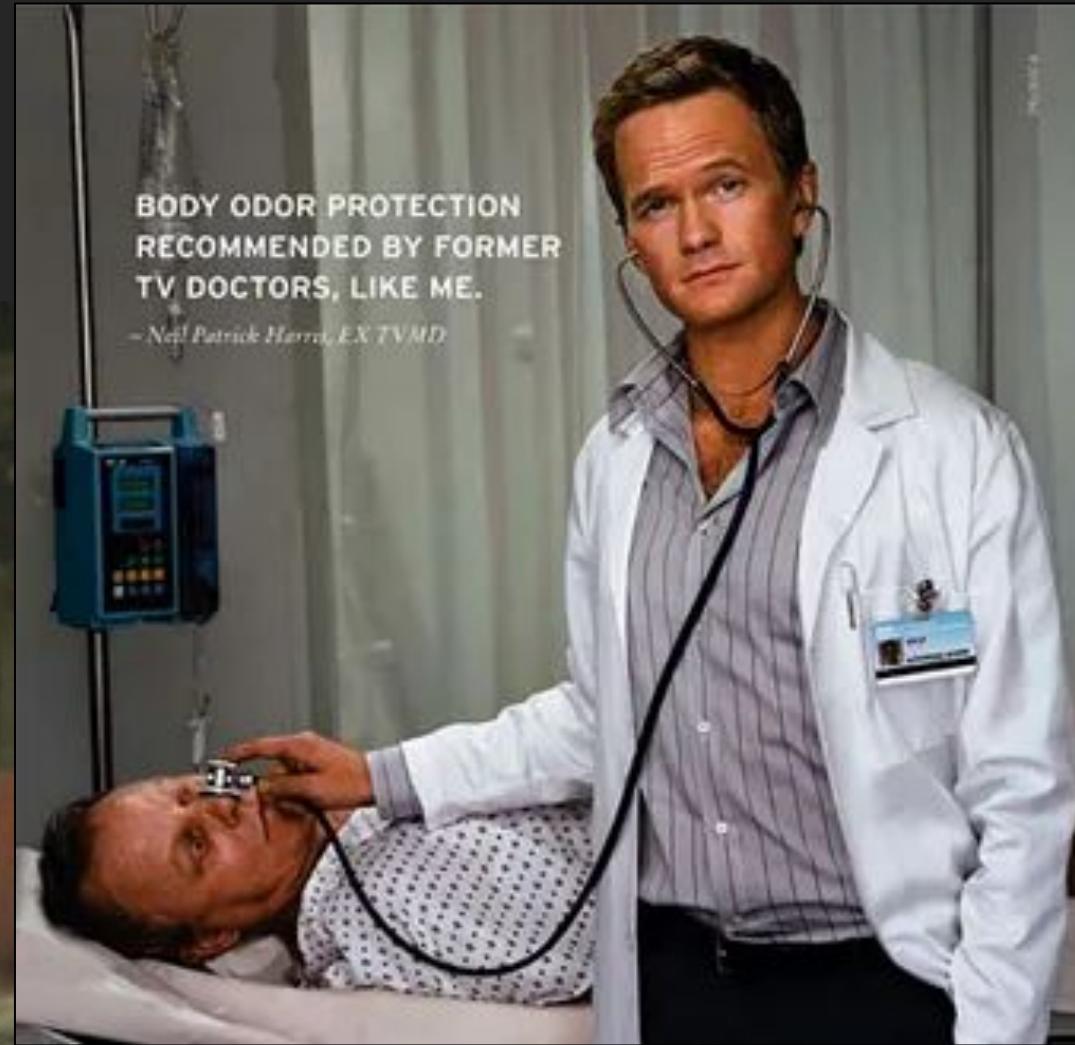


<https://youtu.be/9GO3mccvTCs>



I'M DRINKING FROM A FIRE HOSE.





NEW DEVELOPMENTS

f ABC15
ARIZONA

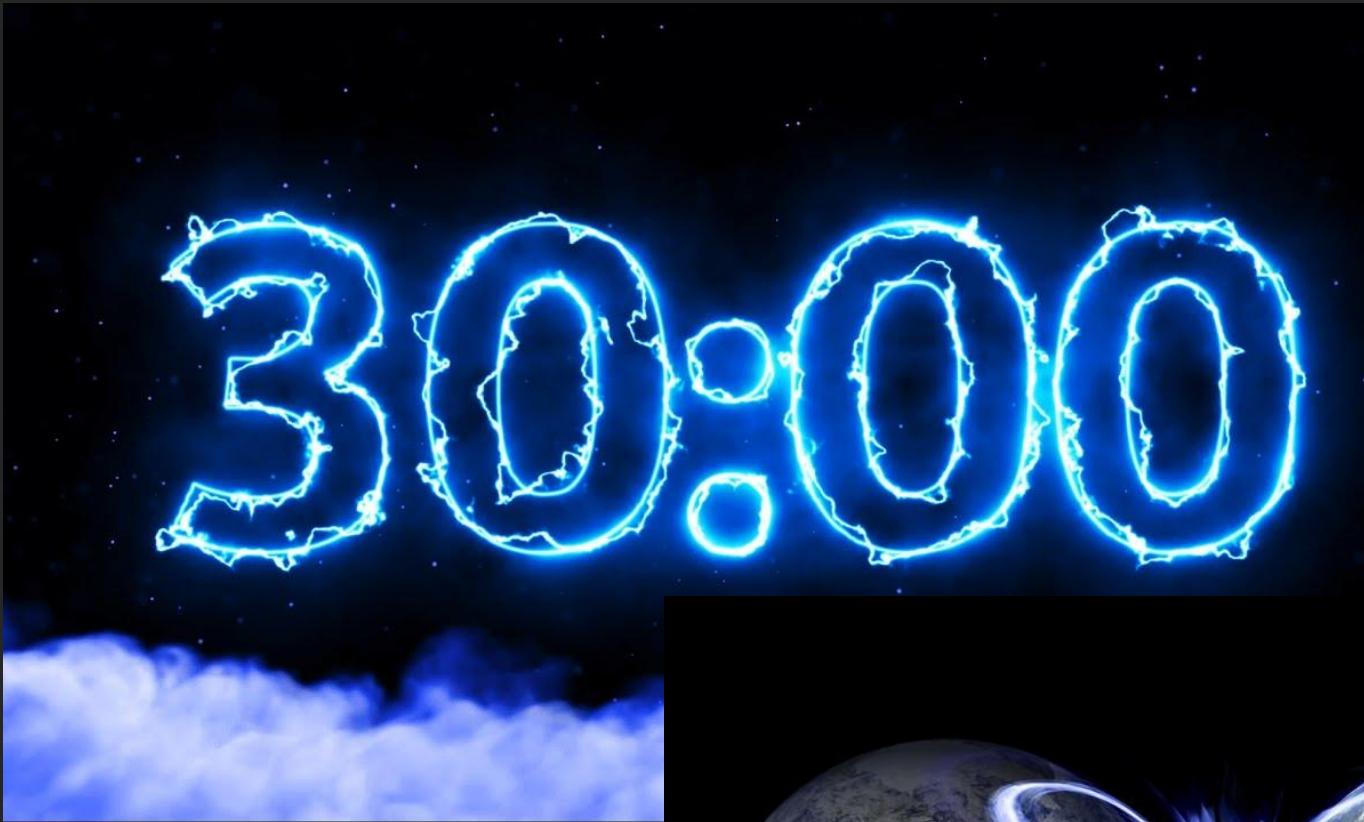
ACCUSED TERRORIST OUT TO MAKE PRESSURE COOKER BOMB
SOUTHWEST SCIENTISTS DEMONSTRATE DAMAGE POTENTIAL

abc 15
ARIZONA

Bad things can ultimately lead to good outcomes for
OUR personal growth and development.

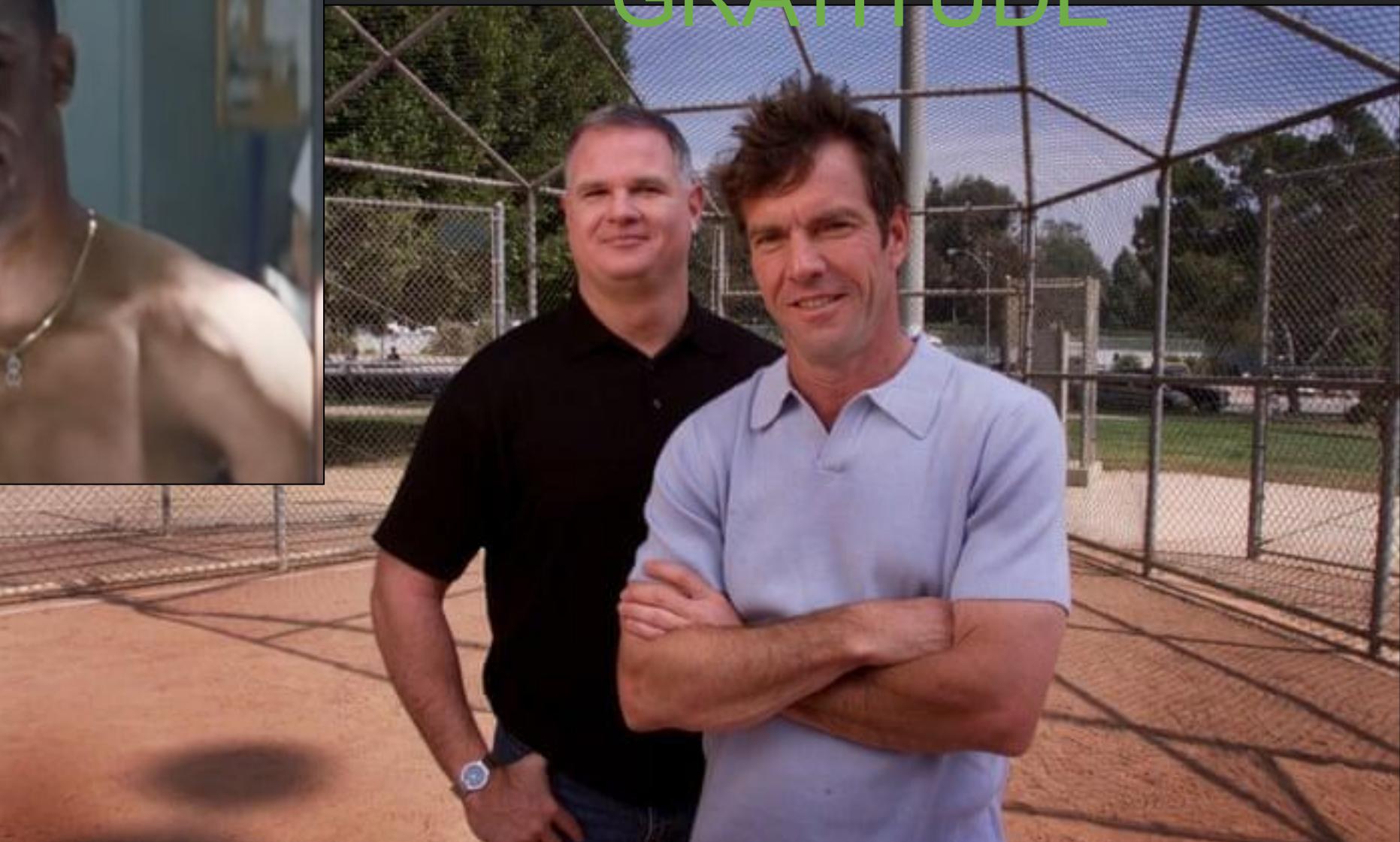


COMMUNITY





PRACTICE
GRATITUDE



I'D LIKE SOME
FRESH, CLEAR,
WELL-SEASONED
PERSPECTIVE.

ANTON EGO



Mick Douglas 🇺🇦☀️
@bettersafetynet

⋮

Thankful Thursday

One of the very best Unix admins I ever knew was Gus.

Though he reached init 0 years ago -- his way of talking about mortality. He's someone I will think about and draw inspiration from periodically.

FOSTER CONTINUOUS



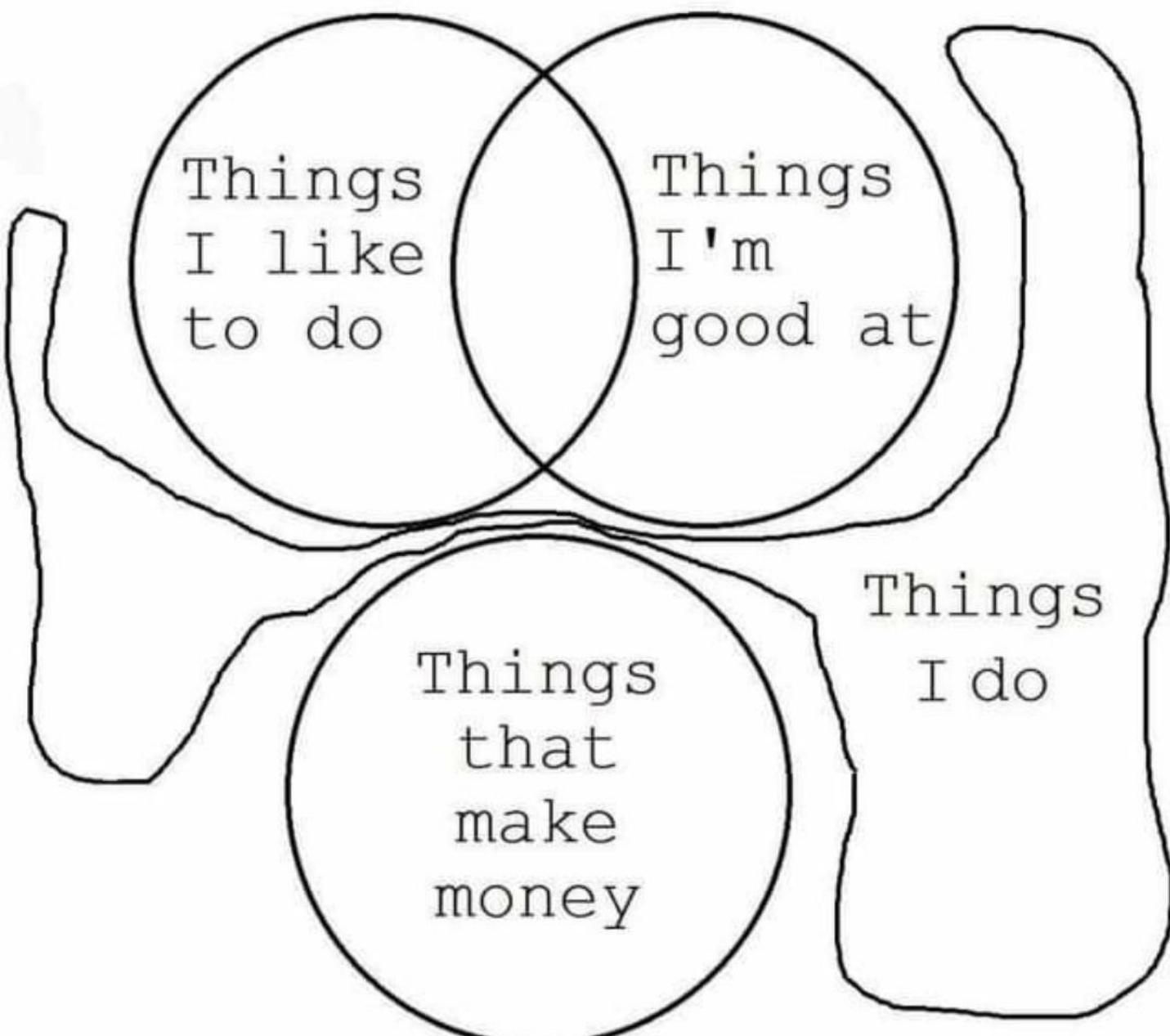
"been chasing people in their dreams
so long i forgot to chase my own"



Embrace Failure



Venn Diagram of my life:





SAY YES!



Active Directory Users and Computers

File Action View Help



Active Directory Users and Computers [DCCOLOH01.hackworks.local]

- > Saved Queries
- hackworks.local
 - > Builtin
 - > Computers
 - > Corp
 - > Domain Controllers
 - > ForeignSecurityPrincipals
 - > Keys
 - > LostAndFound
 - > Managed Service Accounts
 - > Microsoft Exchange Security Groups
 - > Program Data
 - System
 - AdminSDHolder
 - > ComPartitions
 - > ComPartitionSets
 - > DomainUpdates
 - > IP Security
 - > Meetings
 - > MicrosoftDNS
 - > Policies
 - > RAS and IAS Servers Access Check
 - > WinsockServices
 - > WMIPolicy
 - > Default Domain Policy
 - > Dfs-Configuration
 - > DFSR-GlobalSettings

AdminSDHolder Properties

Name: AdminSDHolder

General Object Security Attribute Editor

Group or user names:

- SELF
- Authenticated Users
- SYSTEM
- NETWORK SERVICE
- Franklin, Ace (AFranklin@hackworks.local)
- Organization Management (HACKWORKS\Organization Manag...)

Add... Remove

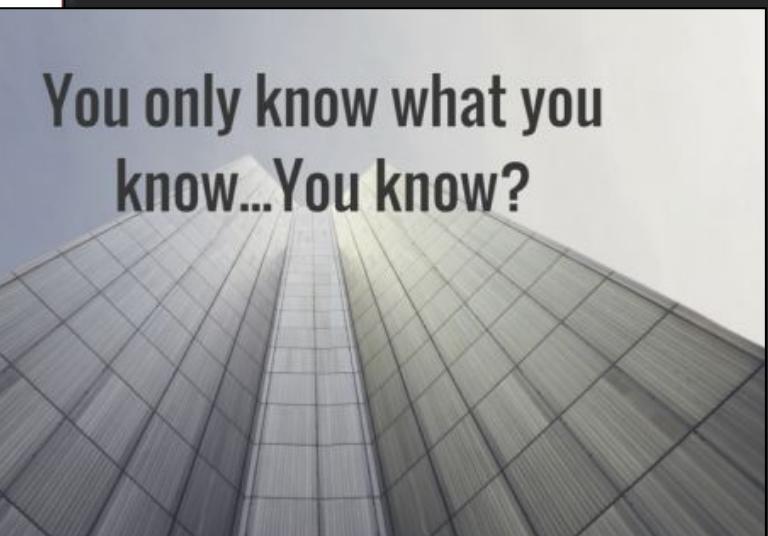
Permissions for Franklin, Ace

	Allow	Deny
Full control	<input type="checkbox"/>	<input type="checkbox"/>
Read	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Write	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Create all child objects	<input type="checkbox"/>	<input type="checkbox"/>
Delete all child objects	<input type="checkbox"/>	<input type="checkbox"/>

For special permissions or advanced settings, click Advanced.

Advanced

OK Cancel Apply Help



You only know what you
know... You know?

SAY NO!

WIN

WIN AGAIN

WIN MORE

#WINNING



1. Take inventory



11h ·

...

2. Create a repeatable plan

On the last day of lupus awareness month, I

3. Partner up

I am sitting here with an enormously grateful heart.

4. Start at this conference

If you want to know who or what sustains me in my darkest, most challenging moments, the answers are simple!!

It is literally all of y'all.





John Harper | OSCP, GICSP, GMOB, CEH, CISSP

Sr. Security Engineer at Tenable

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LinkedIn: [harperjohn](#)

Pokémon Go: [1ToastyCheez1T \[2638 7646 6942\]](#)

