

CS50 for MBAs

Privacy, Security

Intro to Design Thinking in UI/UX

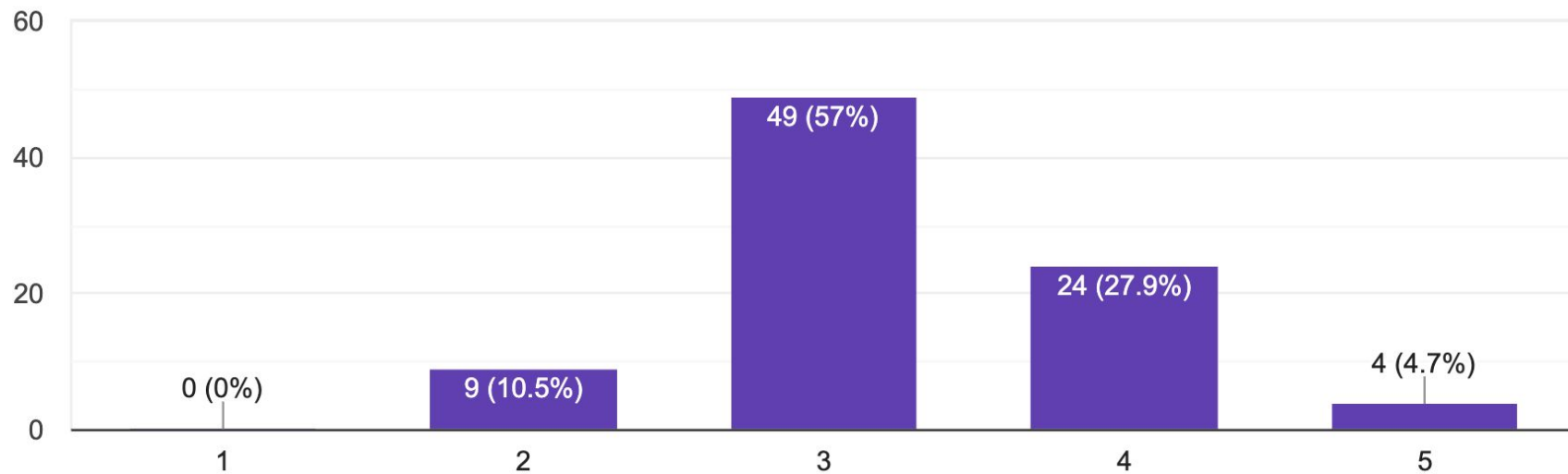
Wed, Feb 24, 2021, 10:00 AM – 12:00 PM EST, with Hanna Kim

Fundamentals of Virtual Reality

Thu, Feb 25, 2021, 3:00 PM – 5:00 PM EST, with Fianko Buckle

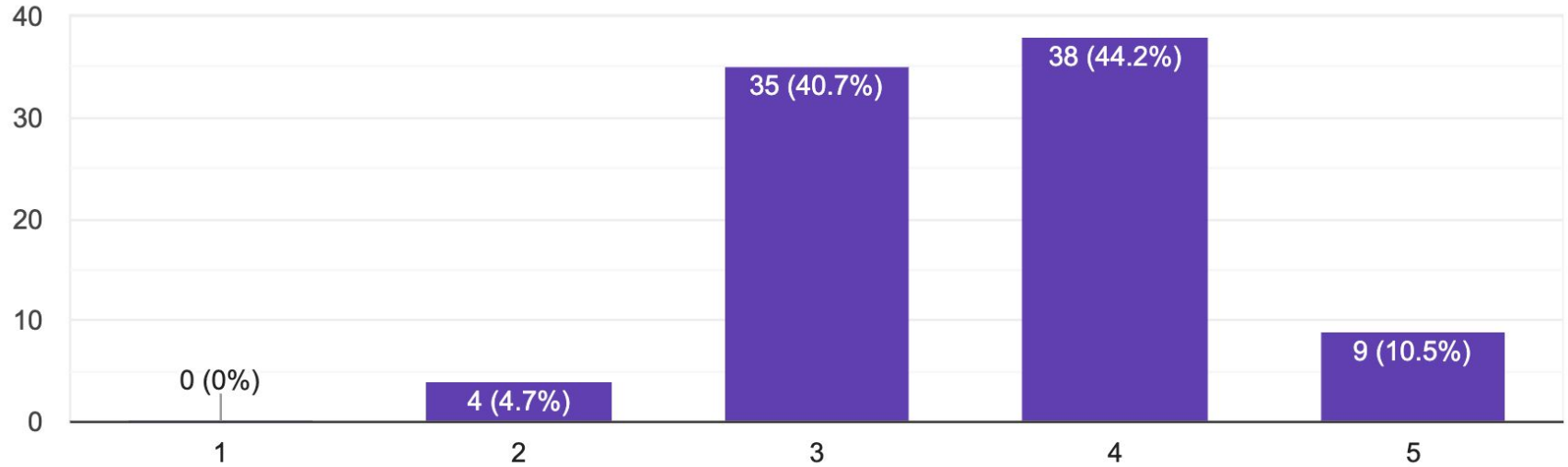
What do you think of the course's PACE so far?

86 responses



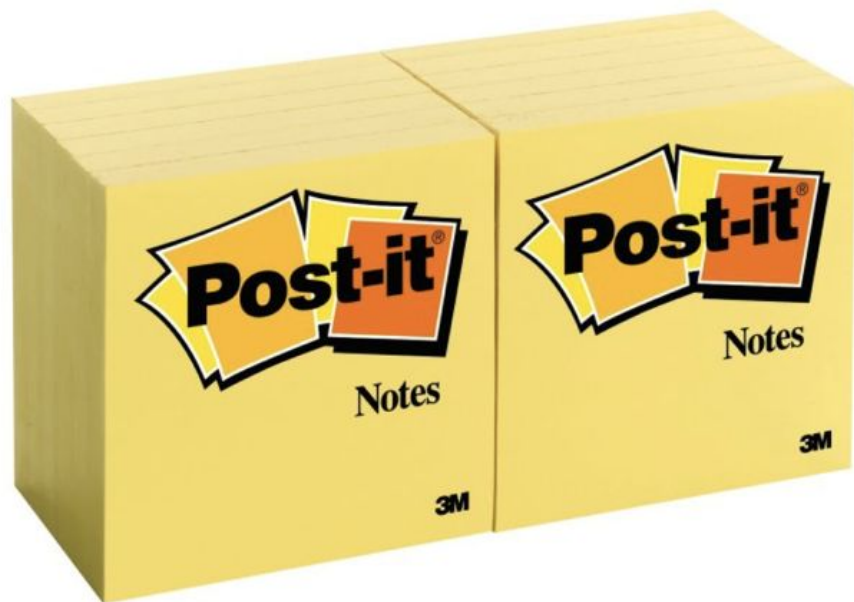
What do you think of the WORKLOAD of the course's ASSIGNMENTS so far?

86 responses



secure

passwords



1. 123456
2. 123456789
3. qwerty
4. password
5. 1234567
6. 12345678
7. 12345
8. iloveyou
9. 111111
10. 123123

brute-force attacks



4-digit passcode

$$10 \times 10 \times 10 \times 10$$

10,000

4-letter passcode

$$52 \times 52 \times 52 \times 52$$

7,311,616

4-character passcode

94 × 94 × 94 × 94

78,074,896

8-character passcode

94 × 94 × 94 × 94 ×
94 × 94 × 94 × 94

6,095,689,385,410,816



9:41

Tuesday, July 24

iPhone is disabled

try again in 1 minute

Emergency



9:41
Tuesday, July 24

iPhone is disabled
try again in 1 minute

Emergency

9:41

Tuesday, July 24

iPhone is disabled

try again in 1 minute

Emergency

Google Fi

📶 🔒 📶 🔒 🔒 60%



11:27

Thu, May 28 ☁️ 24°C

Too many attempts. Try again later.

Google Fi

📶 🔒 📶 🔒 60%



11:27

Thu, May 28 ☁️ 24°C

Too many attempts. Try again later.



Too many attempts. Try again later.

two-factor authentication





password managers

1password.com

lastpass.com

...

encryption

secret-key encryption



Memo:
Confidential

Re:
Fiscal Review

This quarter's
earnings have
just come in
and...

plaintext



encryption

BEGIN PGP

gANQR1DBw
U+dB/b95Xx
QQzrGYXD9
VSoOTF6gk
IXTBPce8+M
mdf&UWLdDe5

END PGP

ciphertext



decryption

Memo:
Confidential

Re:
Fiscal Review

This quarter's
earnings have
just come in
and...

plaintext

Or fher gb qevax lbhe Binygvar.

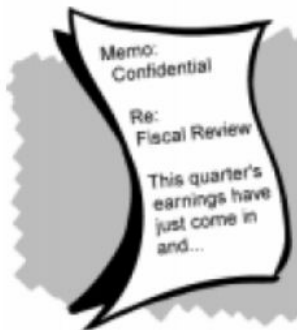
Be sure to drink your Ovaltine.

public-key encryption

public key



private key



plaintext



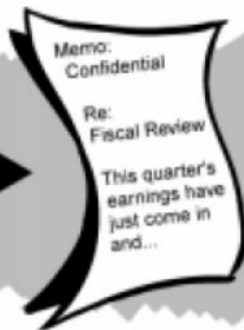
encryption



ciphertext



decryption



plaintext

HTTPS

forgot password?

hashes



<https://zoom.us/j/5551112222>

<https://zoom.us/j/5551112222?pwd=#####>

email

Confidential mode

Recipients won't have the option to forward, copy, print, or download this email. This message may still be visible to your employer or school. [Learn more](#)

SET EXPIRATION

Expires in 1 week



Tue, Jan 28, 2020

REQUIRE PASSCODE

All passcodes will be generated by Google. [?](#)



No SMS passcode



SMS passcode

Cancel

Save

Report Phishing



Deleting helps you, reporting helps everyone.

phishing@harvard.edu

Learn to click wisely at security.harvard.edu.



PGP

digital signatures

VPNs

haveibeenpwned.com

end-to-end encryption





**“WhatsApp” Would Like to
Access Your Contacts**

WhatsApp syncs only phone numbers from your address book to WhatsApp servers to help you connect with other WhatsApp users.

Don't Allow

OK

Tap “Agree & Continue” to accept the
WhatsApp [Terms of Service and
Privacy Policy](#)

[Agree & Continue](#)

ransomware

storage



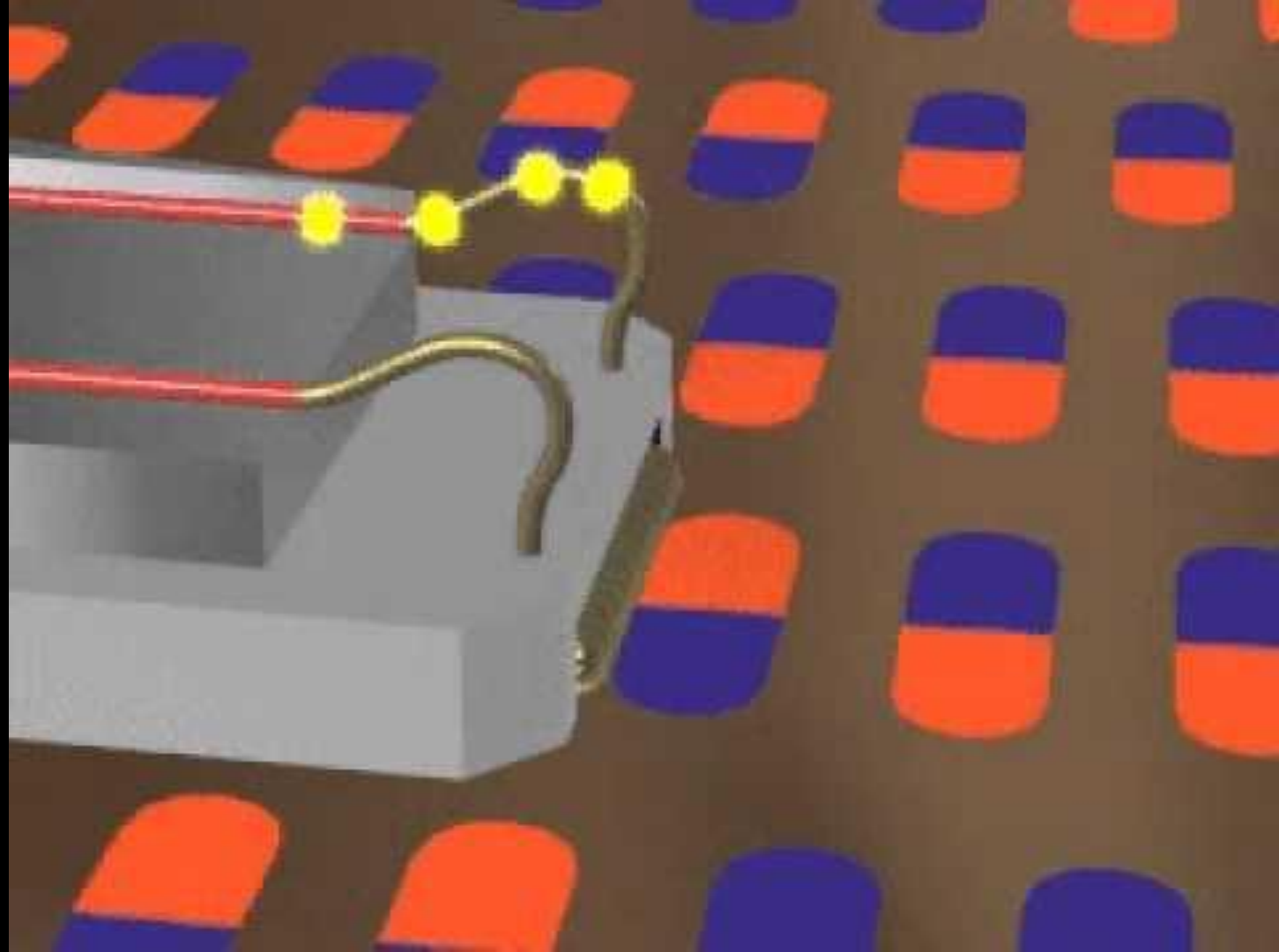












dban.org











full-disk encryption

open-source software

incognito mode

cookies

DELETE COOKIES?!

gegen-den-strich.com

FERNANDEZ



Assignment 9

Office Hours

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