This is CS50
passwords
1. 123456
2. 123456789
3. picture1
4. password
5. 12345678
6. 111111
7. 123123
8. 12345
9. 1234567890
10. senha
4-digit passcode
brute-force attacks
10 × 10 × 10 × 10 × 10
10,000
4-letter passcode
52 \times 52 \times 52 \times 52
4-character passcode
78,074,896
8-character passcode
94 × 94 × 94 × 94 × 94 × 94 × 94 × 94 × 94
6,095,689,385,410,816
iPhone is disabled
try again in 1 minute

Emergency
iPhone is disabled
try again in 1 minute
iPhone is disabled
try again in 1 minute
Too many attempts. Try again later.
Too many attempts. Try again later.
two-factor authentication
password managers
- Credential Manager
- Keychain
- 1Password
- LastPass
- ...
- ...
email
Confidential mode

Recipients won’t have the option to forward, copy, print, or download this email. Learn more

SET EXPIRATION

Expires in 1 week  Thu, Nov 4, 2021

REQUIRE PASSCODE

All passcodes will be generated by Google.  

- No SMS passcode
- SMS passcode

Cancel  Save
You’ve gone Incognito

Now you can browse privately, and other people who use this device won’t see your activity. However, downloads, bookmarks and reading list items will be saved. Learn more

Chrome won’t save the following information:
• Your browsing history
• Cookies and site data
• Information entered in forms

Your activity might still be visible to:
• Websites you visit
• Your employer or school
• Your internet service provider

Block third-party cookies
When on, sites can’t use cookies that track you across the web. Features on some sites may break.
encryption
THIS WAS CS 50
end-to-end encryption
Schedule Meeting

Topic

Date & Time
10/29/2021 1:00 PM to 10/29/2021 2:00 PM

☐ Recurring meeting

Time Zone: Eastern Time (US and Canada)

Security

☒ Passcode

Only users who have the invite link or passcode can join the meeting

☐ Waiting Room

Only users admitted by the host can join the meeting

☐ Only authenticated users can join: Sign in to Zoom

Encryption

☐ Enhanced encryption

☒ End-to-end encryption

Several features will be automatically disabled when using end-to-end encryption, including cloud recording and phone/SIP/H.323 dial-in.

Learn more
Homework

1. Use a password manager
2. Use two-factor authentication
3. Use (end-to-end) encryption
edx.org/cs50
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