


# Digital Security

Quick Check!

Has your email ever been compromised?

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Open  
[avast.com/hackcheck](https://avast.com/hackcheck)  
on your browser.  
Enter your email  
address and check the  
result?



## Why digital security?

- We keep a lot of information online
- Your credit card, bank apps and other financial details are online
- Your personal, family, and friends' photos are on your social media accounts
- Your confidential work information is in your emails and social media private messages

## What can an attacker do?

- Access and steal information
- Impersonate you to defraud your contacts
- Use an account to get financial information and wipe out your accounts
- Lock you out of your account

## Passwords

- Passwords are the only way to secure the gadgets and our accounts
- We often make them simpler and memorable
- Simpler passwords are very easy for an attacker to predict using sophisticated computer methods

## 25 Of The Most Popular Passwords

1 123456	6 123456789	11 admin	16 starwars	21 hello
2 password	7 letmein	12 welcome	17 123123	22 freedom
3 12345678	8 1234567	13 monkey	18 dragon	23 whatever
4 qwerty	9 football	14 login	19 passw0rd	24 qazwsx
5 12345	10 iloveyou	15 abc123	20 master	25 trustno1



### Dictionary Attack

Hackers can program a computer to run all the dictionary words and pick password



### Phishing

Cybercriminals try to influence you to open a malicious email link. The website harvests your details



### Shoulder Surfing

One can observe you entering your passwords. CCTV cameras can also record you authenticating your logins

## Good Passwords

\*Long.      \*Not personal.      \*Complex.  
\*Secret.    \* Unique.      \*Practical (passphrase)

## The Passphrase

- Make use of uncommon bizarre words
- You can make a mix of nouns, names of places and historical figures
- Use your local language

e.g MzilikaziMakokobaLobengulaSt (this visualises your way into town)

## The Sentence Method

- Sentences are also an option for unique passwords
- Find a unique sentence and tweak it

eg: The Nile River is the longest in Africa can be reworked to: ThNiRiIsThLoInAf

Tip: Run your mock password on <https://password.kaspersky.com/> and see the result