


# Cryptography for Dummies Lab



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## Cryptography for Dummies

Become familiar with cryptography

 30 min  34,128 


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Task 1  Intro



Cryptography is a big topic. We are going to cover the basics, to give you a basic understanding.

Task 5  Thanks for reading!

Thanks for completing my room, if you are interested in cryptography and want to learn more I suggest you to complete the Cryptography rooms from TryHackMe. They cover more topics in cryptography.

Answer the questions below


Thanks for reading!

No answer needed


✓ Correct Answer

Thank you! 🎉


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# Cryptography for Dummies

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Task 1  Intro



Cryptography is a big topic. We are going to cover the basics, to give you a basic understanding.

There are plenty of other learning materials out there, but this room is intended for beginners so we're not going to cover them here.

Answer the questions below

I understand what are hashes!

No answer needed

✓ Correct Answer

What's the MD5 hash of "hashes are cool"?

f762d32e3c160900d94b683e927555b9

✓ Correct Answer

Hint

What does MD5 stand for?

Message Digest 5


✓ Correct Answer


Who created MD5?

Ronald Rivest

✓ Correct Answer

Hint

Task 4  Decoding/encoding



There's difference between encoding and encrypting. Let's say you have an encrypted file, the only way to decrypt it is using key. While encoded data can be decoded immediately, without keys. It's **NOT** a form of encryption, it just a way of representing data.

A very popular encoding is Base64. Here's how "hi there" looks with Base64 encoding : **aGkgdGhlcmU=**

Answer the questions below

Encode the string "cryptographyisuseful" with Base64

Y3J5cHRvZ3JhcGh5aXN1c2VmdWw=

✓ Correct Answer

Hint

Decode the string "dGhllHNIY3JldCB3b3JklGlzDogd2F0ZXJtZWxvbg==". What's the secret word?

watermelon

✓ Correct Answer

Hint