

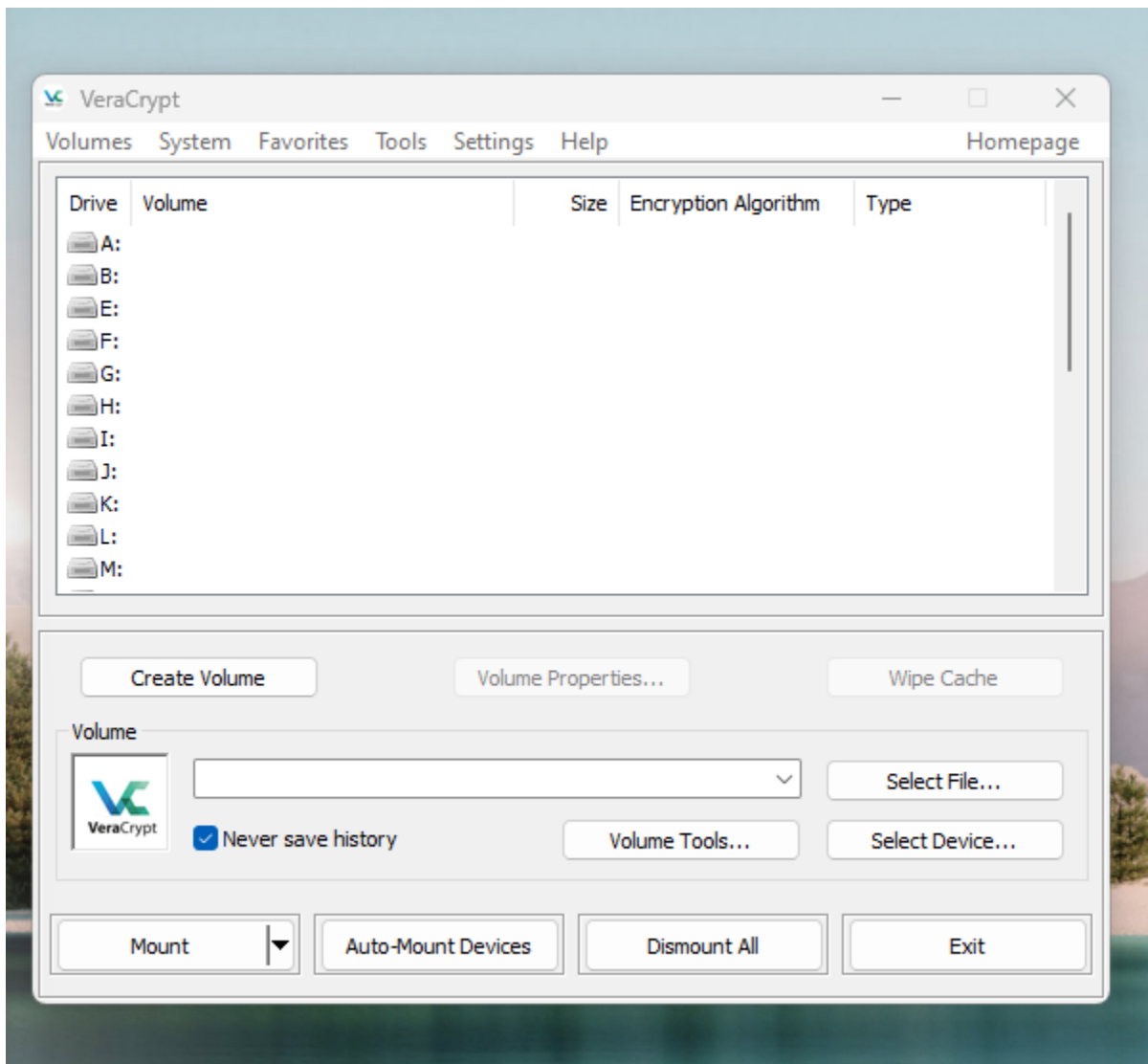
## Practical no: 5

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Batch-Roll no: C1-13

Subject: Computer Security Lab

**Aim:** To gain practical experience in using VeraCrypt to protect sensitive data.



## VeraCrypt Volume Creation Wizard



### VeraCrypt Volume Creation Wizard

#### ☒ Create an encrypted file container

Creates a virtual encrypted disk within a file. Recommended for inexperienced users.

[More information](#)

#### ☐ Encrypt a non-system partition/drive

Encrypts a non-system partition on any internal or external drive (e.g. a flash drive). Optionally, creates a hidden volume.

#### ☐ Encrypt the system partition or entire system drive

Encrypts the partition/drive where Windows is installed. Anyone who wants to gain access and use the system, read and write files, etc., will need to enter the correct password each time before Windows boots. Optionally, creates a hidden system.

[More information about system encryption](#)

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Cancel

## VeraCrypt Volume Creation Wizard



### Volume Type

#### ☒ Standard VeraCrypt volume

Select this option if you want to create a normal VeraCrypt volume.

#### ☐ Hidden VeraCrypt volume

It may happen that you are forced by somebody to reveal the password to an encrypted volume. There are many situations where you cannot refuse to reveal the password (for example, due to extortion). Using a so-called hidden volume allows you to solve such situations without revealing the password to your volume.

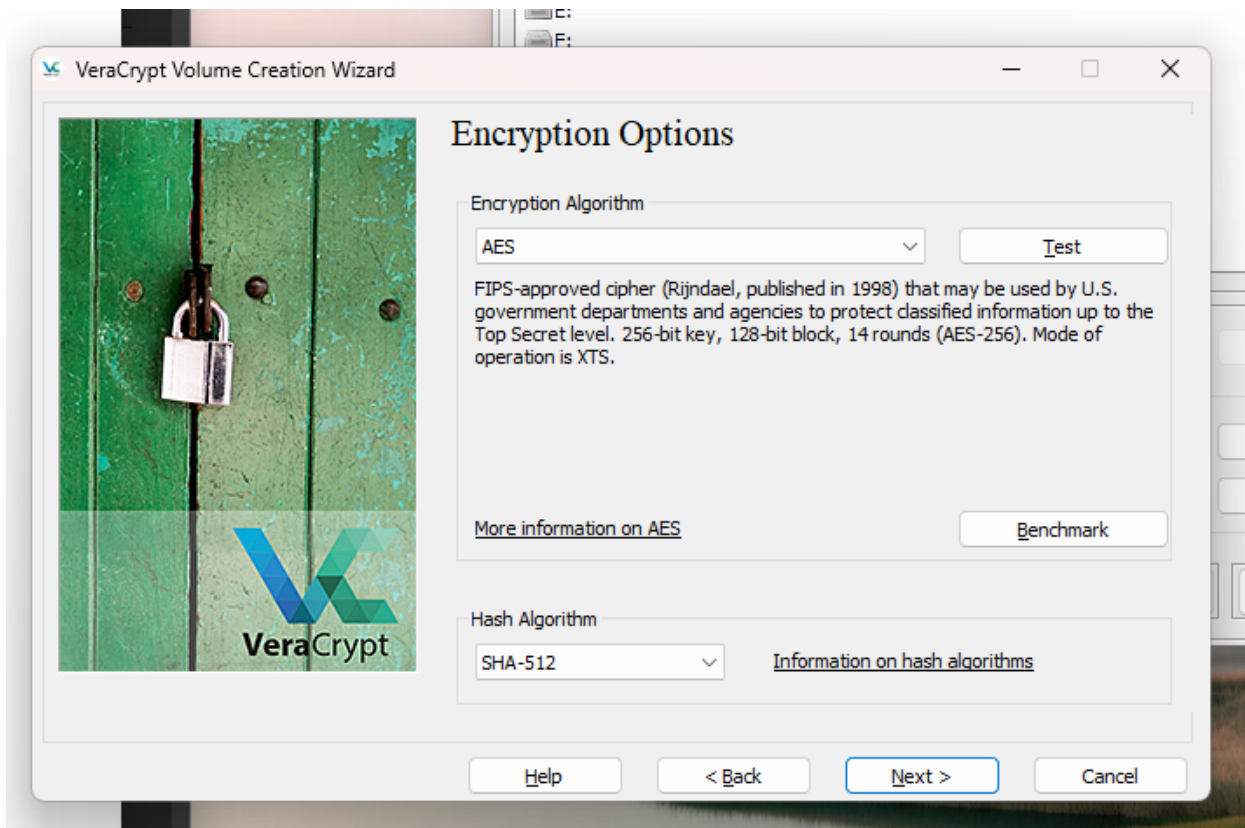
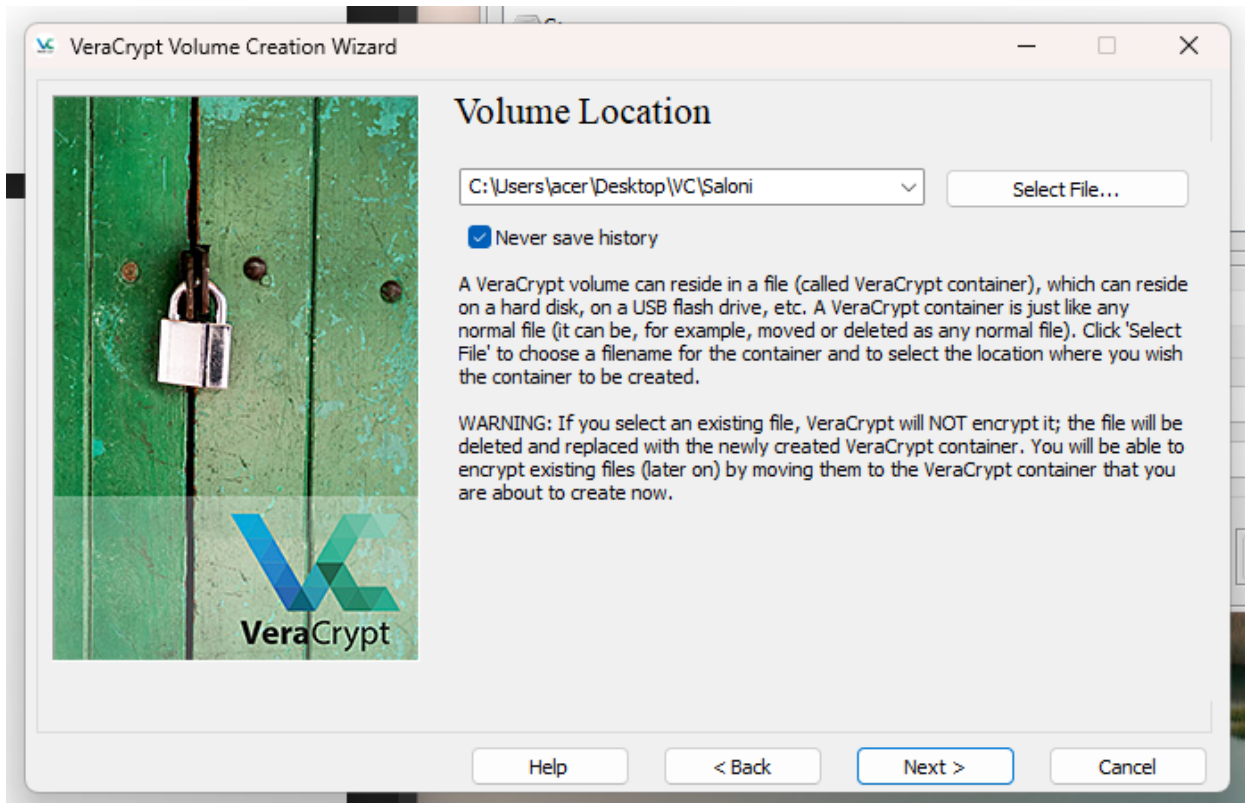
[More information about hidden volumes](#)

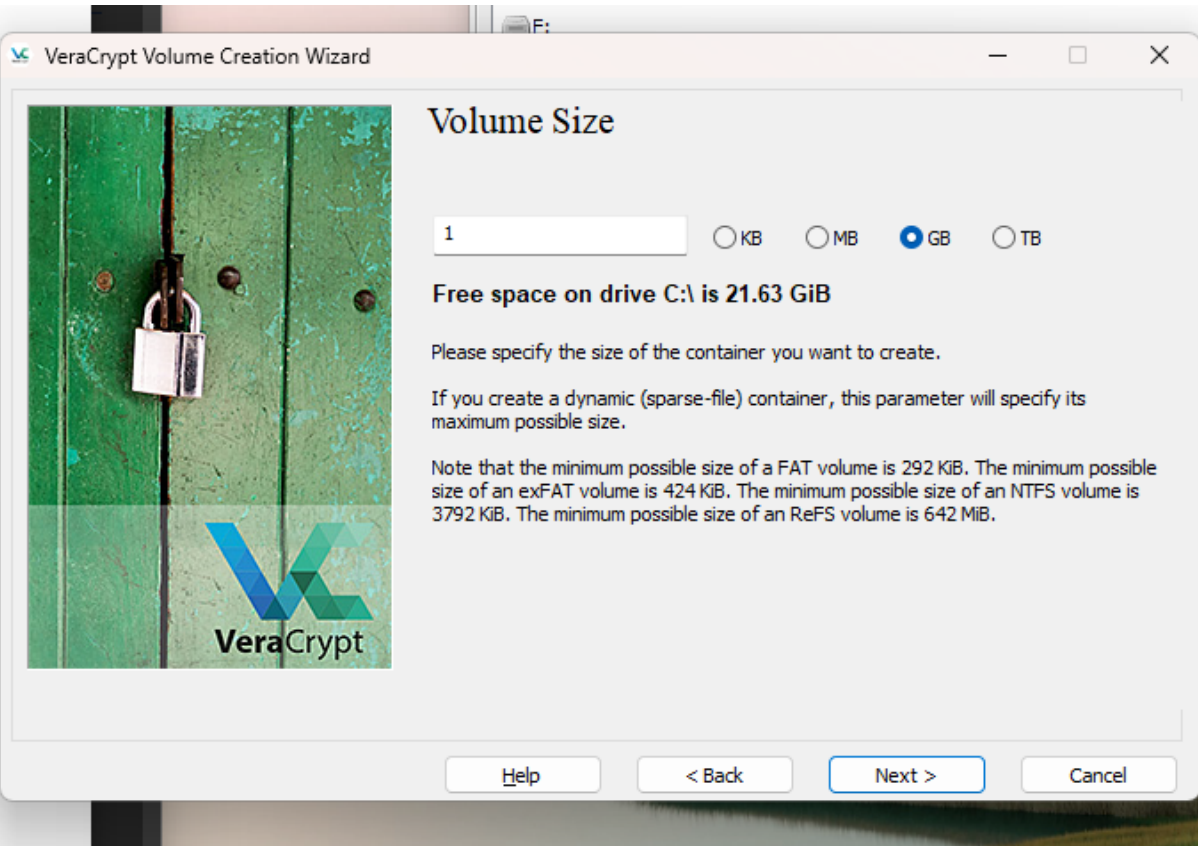
Help

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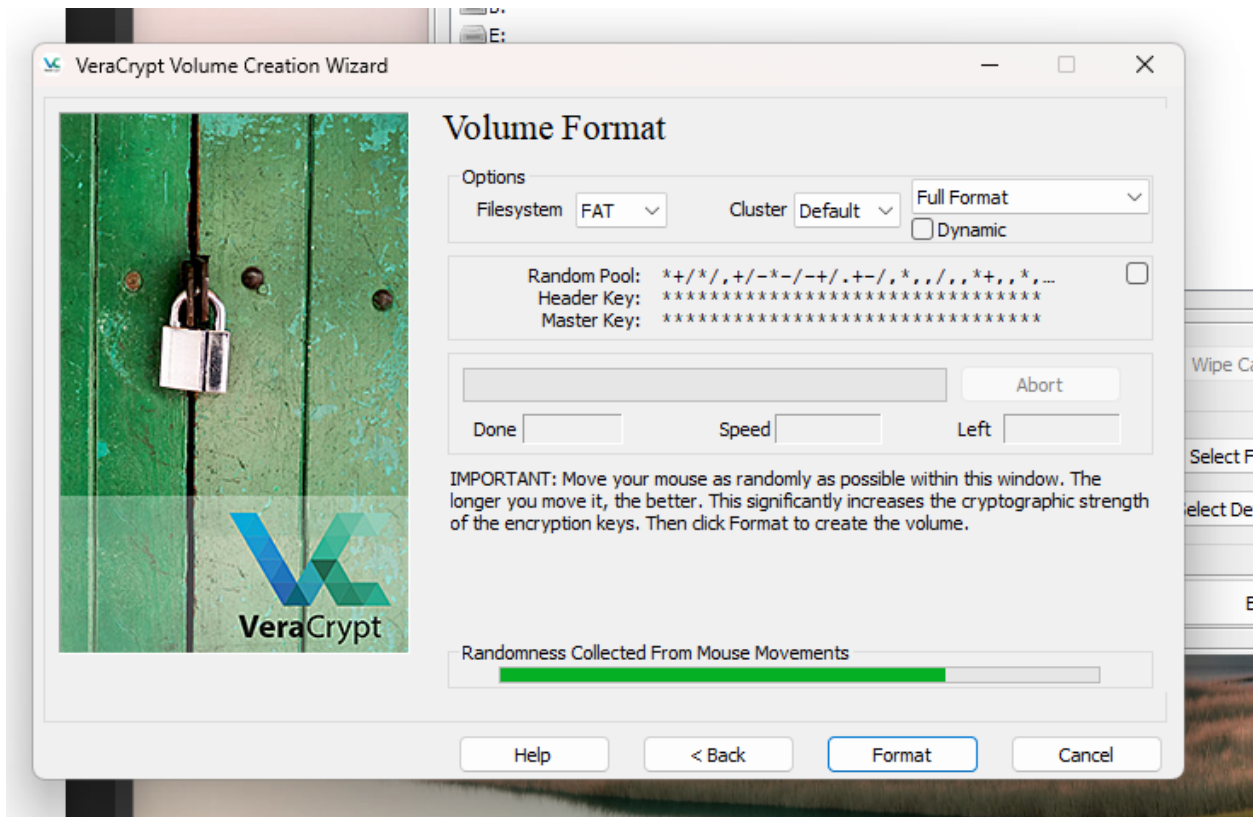
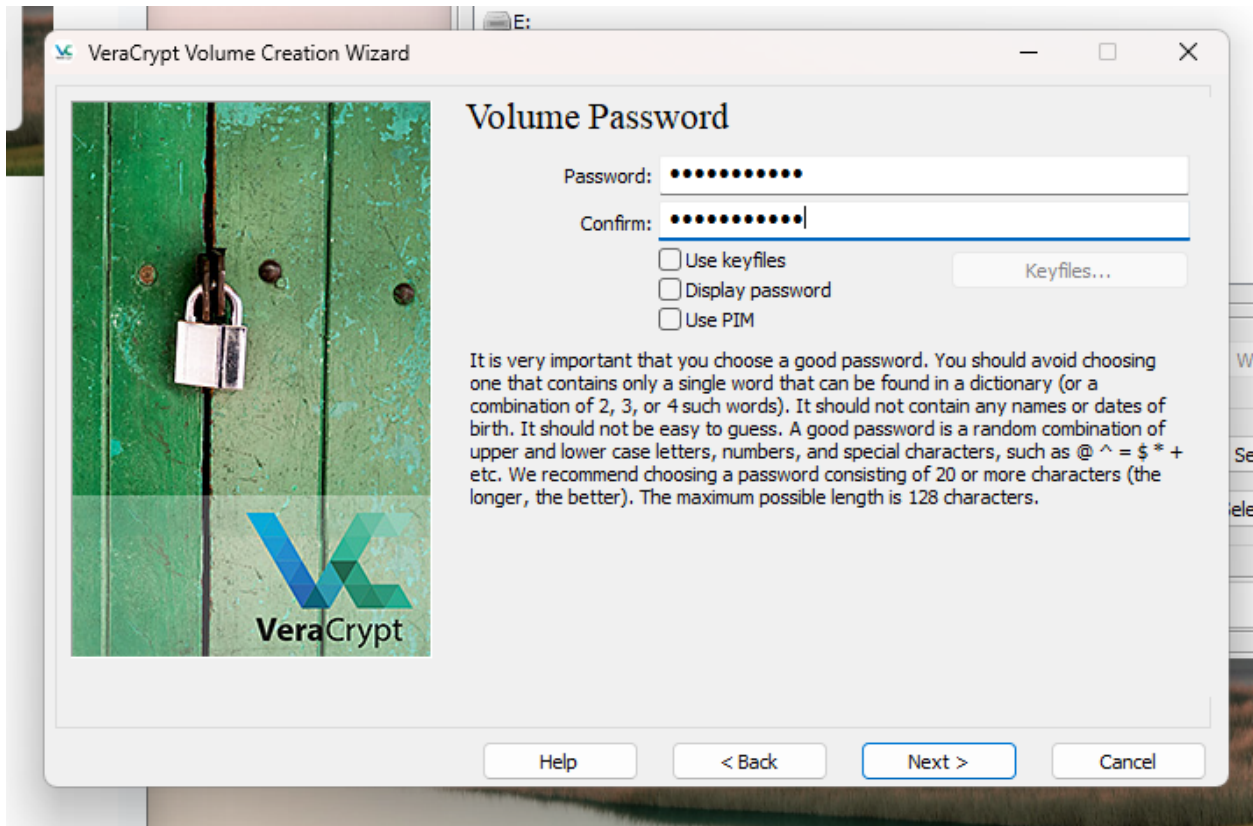
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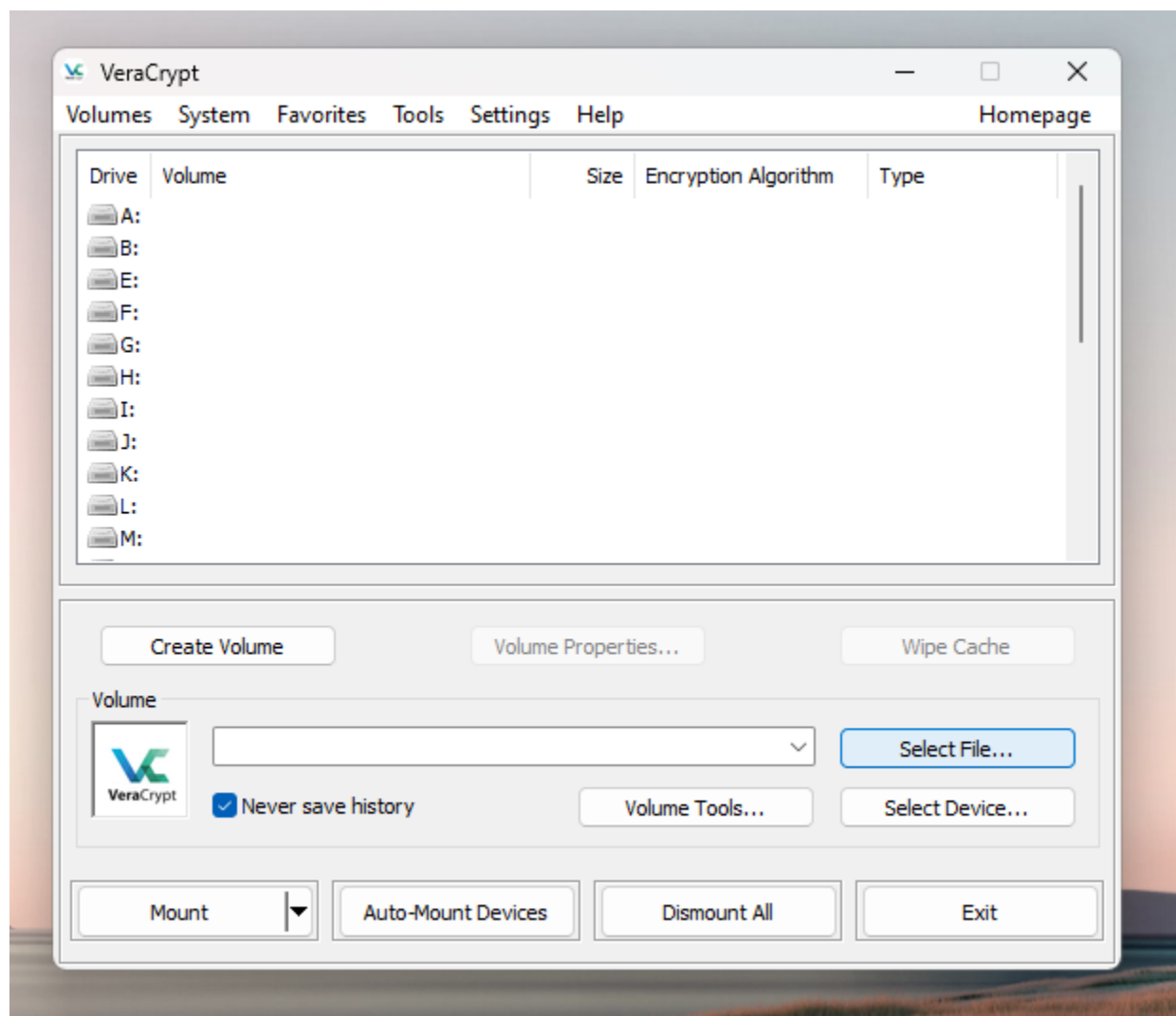
Cancel











Enter password for C:\Users\acer\Desktop\VC\Saloni

Password: ●●●●●●●●

OK

PKCS-5 PRF: Autodetection

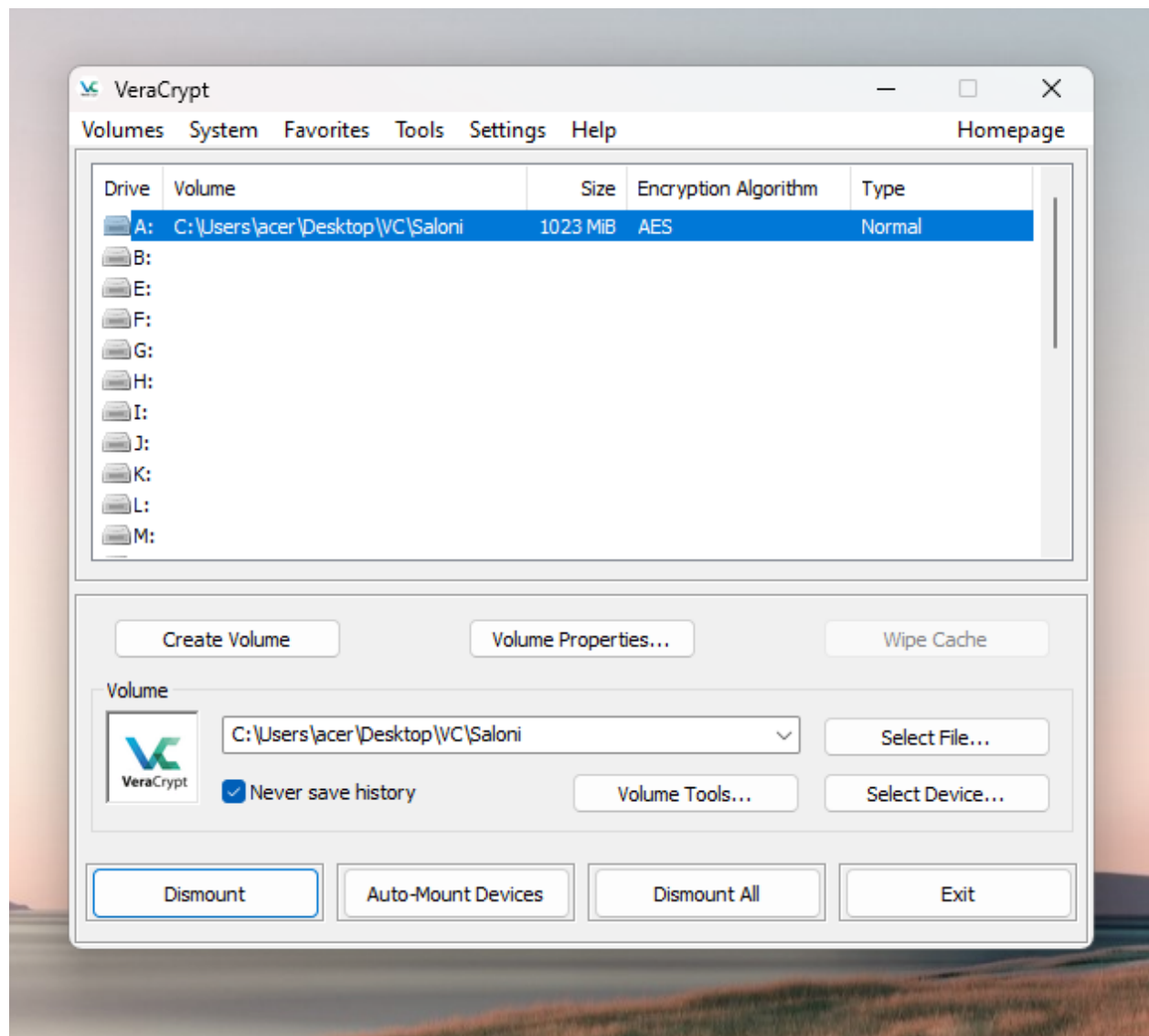
Cancel

- ☐ Use PIM
- ☐ Cache passwords and keyfiles in memory
- ☐ Display password
- ☐ Use keyfiles

Keyfiles...

Mount Options...

Mount



**Conclusion:** We have successfully used Ceyptool and AlphaPeeler to learn cryptanalysis techniques.