# Exercise 1

1. **What would happen if you tried to SSH into your workspace from a different laptop?**

If the private key is not available on the new laptop, you would not be able to log in. To gain access, you would need to either transfer your private key to the new laptop or set up a new SSH key pair.

1. **What steps do you need to take to SSH into your workspace from a different laptop?**

You can either:

* Copy the private key from your current device to the new laptop.
* Generate a new SSH key pair on the new laptop, add the public key to your workspace's authorized keys, and use the new private key for authentication.

1. **What happens to your old SSH key?**

The old SSH key remains valid unless you specifically delete or revoke it from your workspace. You can still use it to log in from the original device.

1. **What happens to your “valuable\_data.txt” file if the workspace gets deleted? Is there any way to retrieve your data?**

If the storage volume linked to your workspace is not deleted, the file will still be available on that volume. You can retrieve your data by attaching the same storage volume to a new workspace or downloading it via a command like scp.

# Exercise 2

1. **What command would you use to copy the file data.txt located in /home/<username>/my\_data/ directory on your workspace to your laptop?**

scp <your\_ssh\_username>@<workspace\_ip>:/home/<username>/my\_data/data.txt ~/data.txt

1. **What happens to results.csv if it was created on a storage volume attached to your workspace and you delete the workspace?**

The file results.csv remains intact on the storage volume because deleting the workspace does not delete the attached volume.

1. **What should you do if you need to download data from a storage volume after deleting the workspace it was attached to?**

* Create a new workspace.
* Attach the existing storage volume to the new workspace.
* Use the scp command to copy the data from the storage volume to your local machine.