

## ✔ Congratulations! You passed!

[Go to next item](#)Grade received **100%** To pass 80% or higher

1. How can a VCS (Version Control System) come in handy when updating your software, even if you're a solo programmer? Check all that apply.

1 / 1 point

☒ Git retains local copies of repositories, resulting in fast operations.

✔ **Correct**

Awesome! Git's distributed architecture means each person contributing to a repository retains a full copy of the repository locally.

☒ If something breaks due to a change, you can fix the problem by reverting to a working version before the change.

✔ **Correct**

Nice job! With version control, if something goes wrong, we can fix it immediately and figure out what happened later.

☐ Git relies on a centralized server.

☒ Git allows you to review the history of your project.

✔ **Correct**

Right on!

2. Who is the original creator and main developer of the VCS (Version Control System) tool Git?

1 / 1 point

☐ Bill Gates

☐ Guido van Rossum

☒ Linus Torvalds

☐ James Gosling

✔ **Correct**

Nailed it! Linus Torvalds developed Git in 2005 to better facilitate the process of developing the Linux kernel with developers across the globe.

3. \_\_\_\_\_ is a feature of a software management system that records changes to a file or set of files over time so that you can recall specific versions later.

1 / 1 point

☐ A repository

☐ sys.exit()

☒ Version control

☐ IDE

✔ **Correct**

Right on! A version control system keeps track of the changes that we make to our files.

4. A \_\_\_\_\_ is a collection of edits which has been submitted to the version control system for safe keeping.

1 / 1 point

☐ IDE

☐ version control system

☒ commit

☐ repository

✔ **Correct**

Awesome! We call the collection of edits we are making at one time a commit.

5. Within a VCS, project files are organized in centralized locations called \_\_\_\_\_ where they can be called upon later.

1 / 1 point

- ☐ commits
- ☒ repositories
- ☐ IDE
- ☐ yum



**Correct**

Excellent. A repository is a central location in which data is stored and managed.