

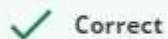
Practice Quiz: Version Control Systems

TOTAL POINTS 5

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

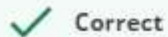
- ☒ Git retains local copies of repositories, resulting in fast operations.



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

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.