Git & GitHub

测验, 5 个问题

1。
Why use Git?

- [ ] Git manages multiple versions of your work by appending version numbers to the ends of file names.

- [ ] Git optimizes your code so that when you execute a program it has a better chance of running faster than the same program built without Git.

- [x] Git allows you to work simultaneously with collaborators on the same project without overwriting each other's work.

- [x] Git backs up your work and allows you to return your files to a previous state.

2。
What is a Git repository?

- ( ) A Git repository is a website on GitHub.com that lists a series of files tracked by Git.

- ( ) A Git repository is any of the files in a directory whose changes are tracked by Git.

- ( ) A Git repository is any directory on your computer that could be uploaded to GitHub.com.

- (•) A Git repository is a directory where all of the changes to your files are tracked by Git.

What's the best way to identify an individual Git commit?

○ The list of files that were changed on the commit.

○ The commit message for the commit.

○ The name of the branch that corresponds to the commit.

◉ The SHA-1 hash generated for the commit.

1
point

4.

What's the purpose of a **.gitignore** file?

○ The .gitignore file allows you to treat a directory as if Git is not tracking any of the files in that directory.

○ The .gitignore file allows you to create aliases for groups of files so that you can add them to be tracked more easily.

○ The .gitignore file specifies files and folders that do not need to be added to be tracked individually.

◉ The .gitignore file specifies files and folders that should not be tracked.

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5.

Consider the situation where the following commands are executed in a new, empty directory:

```
1  git init
2  touch todo.txt
3  touch message.txt
4  git add todo.txt
5  git commit -m "first commit"
6  git add message.txt
7  echo "- Buy cherries" >> todo.txt
8  git commit -m "second commit"
9  echo "- Dear Philip," >> message.txt
```

By the end of these commands, what is the status of this repository?

○ The file **message.txt** has been committed to the repository but the

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file **todo.txt** has only been added to the repository.

○ The files **todo.txt** and **message.txt** have been committed to the repository and the committed version each contain one line of text.

● Blank versions of the files **todo.txt** and **message.txt** have been committed to the repository. Content added to those files has not yet been committed.

○ The file **todo.txt** has been committed to the repository but the file **message.txt** has only been added to the repository.

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