

Multiple Choice Quiz

 an hour

 Completed

Score

You have submitted your quiz.
You got 28 questions correct, and 0 question(s) still being graded.
Your score so far is 100 out of 100.

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Multiple Choice Quiz

```
function boo() {  
  console.log('boop!');  
}  
  
console.log('fizz');  
setTimeout(boo, 0);  
console.log('buzz');
```

1.

In the code above, what order will the messages be printed in?

- ☐ boop!, fizz, buzz
- ☒ fizz, buzz, boop!
- ☐ fizz, boop!, buzz
- ☐ boop!, buzz, fizz

2.

You need to look back at the state of a Git repository at the commit with a hash of `1a2b3c`. Which of the following commands lets you view the repo at that commit?

- ☐ `git commit 1a2b3c`
- ☐ `git time-travel 1a2b3c`
- ☒ `git checkout 1a2b3c`
- ☐ `git 1a2b3c`

3.

Which of the following commands will open a new, empty buffer for you to type into?

- ☐ `nano --new`
- ☐ `echo --new`
- ☒ `nano`
- ☐ `echo`

4.

Which type(s) of Git reset discards all intermediate changes?

- ☐ `--soft`
- ☐ `--mixed`
- ☒ `--hard`

5.

How would you print the value of your environment's `PATH` variable to the terminal?

- ☐ `echo PATH`
- ☐ `cat PATH`
- ☐ `PATH`
- ☒ `echo $PATH`

6.

Which of the following Git procedures "Rewrites history" and may create isolated, unreachable commits?

- ☐ Merge
- ☒ Rebase

7.

Which of the following Git procedures generates new commit hashes for

Which of the following can preserve generated new commit history for existing commits?

- ☒ Rebase
- ☐ Merge

```
let goodbye;  
console.log(goodbye); // ???
```

8.

What is printed when the above code snippet is run?

- ☒ undefined
- ☐ An Error is thrown.
- ☐ goodbye

9.

Which of the following commands can be used to compare two files?

- ☐ cp
- ☒ diff
- ☐ rm
- ☐ comp

10.

Which of the following operators will always create a new file?

- ☐ |
- ☐ >>
- ☒ >
- ☐ =

11.

IIFEs are one way to prevent the pollution of the global namespace by creating functions and variables that will disappear after the IIFE has been invoked.

- ☒ True
- ☐ False

12.

How can we create a brand new Git repository on our local system?

- ☐ git initialize
- ☐ git create
- ☒ git init
- ☐ git new

13.

You're struggling with a problem, and a forum post you found suggests that you `sudo rm -rf /keyfile.txt` to solve it. Is this command safe for you to run, or is it risky enough to require more research?

- ☒ Risky
- ☐ Safe

```
siren(message, volume) {  
  if (volume === 10) {  
    return;  
  }  
  
  console.log(message);  
  siren(message, volume + 1);  
}  
  
siren("WEE-000", 1);
```

14.

For the recursive function above, select the correct Recursive Step.

- ☐ volume + 10
- ☐ volume === 1
- ☒ volume + 1
- ☐ volume === 10

Which of the following commands will make the `passwords.txt` file readable and writable to anyone?

- Which of the following commands will display the contents of a file on your terminal?

- ```
console.log(sayHello("Jeff"));

function sayHello(name) {
 return `Hello ${name}`;
}
```

**What will happen when the above code snippet is run?**

- Pick each of the following that can be set as a **key** in an Object:

- Which type(s) of Git reset will relocate the HEAD ref?**

- What does `grep`'s `-r` flag do?

- 
- ```

graph TD
    Root[" / "] --- users[" users/ "]
    Root --- etc[" etc/ "]
    users --- student[" student/ "]
    users --- admin[" admin/ "]
    student --- homework[" homework.js "]
    etc --- server[" server/ "]
    server --- sites[" sites/ "]
    server --- config[" config "]
    sites --- sites_doc[" "]
  
```

21.

Using the image above as a guide, and beginning in `/users/student`, how would you get to `/users/admin`?

- ☐ `cd users/admin`
- ☒ `cd ../admin`
- ☐ `cd admin/`

```
justDance(songs) {  
  if (!songs) {  
    return;  
  } else {  
    justDance(songs);  
  }  
}  
  
justDance(["I Wanna Dance With Somebody (Who Loves Me)"]);
```

22.

Which of the following should we add to prevent an error from the above function?

- ☐ A base case
- ☒ A recursive step
- ☐ A parameter

23.

When we attempt to merge two branches with conflicting code, we may encounter a problem! What do we call this situation?

- ☐ Merge Conflagration
- ☒ Merge Conflict
- ☐ Branch Conflict
- ☐ Branch Diff

24.

The Object data type (and those related to it like Function and Date) is the only JavaScript data type that has methods.

- ☐ False
- ☒ True

25.

Which of the following Git procedures only affects your local repository?

- ☒ Committing
- ☐ Pushing to a remote
- ☒ Adding to staging

26.

Which of the following commands will show us unstaged changes in our current Git repository?

- ☐ `git diff --staged`
- ☐ `git diff --unstaged`
- ☐ `git difference`
- ☒ `git diff`

27.

Which of the following commands will rename a file?

- ☐ `echo`
- ☐ `cp`
- ☒ `mv`
- ☐ `rm`

```
if ("false") {  
  console.log("Hello!");  
} else if (!) {  
  console.log("Goodbye!");  
} else if ("" ) {  
  console.log("Have a nice day!");  
}
```

```
} else {  
  console.log("party time is over");  
}
```

28.

What will be printed when the above code is run?

- ☐ "Goodbye!"
- ☒ "Hello!"
- ☐ "Have a nice day!"
- ☐ "party time is over"

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