Variations of this problem include all the variations above, plus: adding and removing the commands `git add`, `git commit`, `git branch`, or `git checkout` at arbitrary locations.

Problem 1. Write the output of the final command in the following shell script.

```
$ cd; rm -rf quiz; mkdir quiz; cd quiz
$ git init
$ echo "print('hello world')" > foo.py
$ git add foo.py
$ git commit -m "added foo"
$ git branch foo
$ git checkout foo
$ echo "print('hola mundo')" >> foo.py
$ git add foo.py
$ git commit -m "modified foo"
$ git checkout master
$ python3 foo.py
```

Fraction of LLMs with correct answer: 10 / 19 = 0.53

Problem 2. Write the output of the final command in the following shell script.

```
$ cd; rm -rf quiz; mkdir quiz; cd quiz
$ git init
$ echo "print('hello world')" > foo.py
$ echo "print('hola mundo')" > bar.py
$ git add foo.py
$ git commit -m "first commit"
$ git branch foo
$ git checkout foo
$ echo "print('hello again')" >> foo.py
$ git add foo.py
$ git add bar.py
$ git commit -m "second commit"
$ git checkout master
$ echo "print('hola otra vez')" >> bar.py
$ python3 bar.py
```

Fraction of LLMs with correct answer: 3 / 19 = 0.16

Problem 3. Write the output of the final command in the following shell script.

```
$ cd; rm -rf quiz; mkdir quiz; cd quiz
$ git init
$ echo "print('hello world')" > foo.py
$ echo "print('hola mundo')" > bar.py
$ git add foo.py
$ git commit -m "first commit"
$ git branch foo
$ git checkout foo
$ echo "print('hello again')" >> foo.py
$ git add foo.py
$ git add bar.py
$ git commit -m "second commit"
$ git checkout master
$ echo "print('hola otra vez')" >> bar.py
$ python3 bar.py
```

Fraction of LLMs with correct answer: 3 / 19 = 0.16

LLM Model Performance