Quiz: Shell Topics 06

Total Score: $/2^3$

Printed Name:

Quiz rules:

1. You MAY use any printed or handwritten notes.

2. You MAY NOT use a computer or any other electronic device.

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

```
1  $ cd; rm -rf quiz; mkdir quiz; cd quiz
2  $ message="hello world"
3  $ cat > quiz.py <<'EOF'
4  import os
5  print(os.getenv('message', '$message'))
6  EOF
7  $ python3 quiz.py
```

Fraction of LLMs with correct answer: 11 / 31 = 0.35

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

```
1   $ cd; rm -rf quiz; mkdir quiz; cd quiz
2   $ git init
3   $ echo "print('hello world')" >> foo.py
4   $ echo 'print("hola mundo")' > bar.py
5   $ git add bar.py
6   $ git commit -m "first commit"
7   $ git checkout -b bar
8   $ echo "print('hello again')" > bar.py
9   $ git add foo.py
10  $ git add bar.py
11  $ git commit -m "second commit"
12  $ git checkout master
13  $ echo "print('hola otra vez')" >> bar.py
14  $ python3 bar.py
```

Fraction of LLMs with correct answer: 17 / 31 = 0.55

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

```
1  $ cd; rm -rf quiz; mkdir quiz; cd quiz
2  $ git init
3  $ mkdir test
4  $ touch hola mundo
5  $ touch test/"hello world"
6  $ touch test/'.salve .munde'
7  $ cd test
8  $ for i in *; do git add $i; done
9  $ git commit -m 'first commit'
10 $ git checkout -b foo
11 $ git add .
12 $ git commit -m 'second commit'
13 $ ls -a | wc -l
```

Fraction of LLMs with correct answer: 5 / 31 = 0.16

Problem 4. Write the output of the final command in the following shell script.

```
1  $ cd; rm -rf quiz; mkdir quiz; cd quiz
2  $ foo='hello'
3  $ [ "$foo" = 'hello' ] || echo $foo > foo
4  $ ls | wc -l
```

Fraction of LLMs with correct answer: 21 / 31 = 0.68

LLM Model Performance