

## Quiz (optional retake): Shell Topics 01, 02, 03

Total Score: /2<sup>2</sup>

Printed Name:

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### 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 $ foo='$(echo "$(echo echo)")'
3 $ touch "$foo"
4 $ ls | wc -l
```

Fraction of LLMs with correct answer: 13 / 13 = 1.00

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

```
1 $ cd; rm -rf quiz; mkdir quiz; cd quiz
2 $ for file in "a b" 'c $(echo a b) d" "e f"; do touch "$file"; done
3 $ ls | wc -l
```

Fraction of LLMs with correct answer: 11 / 13 = 0.85

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

```
1 $ cd; rm -rf quiz; mkdir quiz; cd quiz
2 $ var=echo touch echo
3 $ touch "$var"
4 $ ls | wc -l
```

Fraction of LLMs with correct answer: 13 / 13 = 1.00

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

```
1 $ cd; rm -rf quiz; mkdir quiz; cd quiz
2 $ place=world
3 $ var=$(cat <<EOF
4 hello '$place'
5 hola "$place"
6 salve $place
7 EOF
8 $ )
9 $ echo "$var" | grep "$place" | wc -l
```

Fraction of LLMs with correct answer: 8 / 13 = 0.62

## LLM Model Performance

