

## Quiz: Shell Topics 00 (optional retake)

**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 $ echo 'hello world' >> README
3 $ echo "hola mundo" >> README
4 $ echo 'salve munde' > README
5 $ 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 $ echo 'hello world' > README
3 $ echo 'hola mundo' >> README
4 $ echo 'salve munde' >> README
5 $ cat README | grep -E 'e|a' | wc -l
```

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

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

```
1 $ cd; rm -rf quiz; mkdir quiz; cd quiz
2 $ cat > README <<EOF
3 hello world
4 hola_mundo
5 salve munde
6 EOF
7 $ cat README | grep -E 'm' | grep '.*e.*' | wc -l
```

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

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

```
1 $ cd; rm -rf quiz; mkdir quiz; cd quiz
2 $ cat > README <<EOF
3 hello world
4 hola_mundo
5 salve munde
6 EOF
7 $ cat README | grep -E 'e|m' | grep 'h|e' | wc -l
```

Fraction of LLMs with correct answer: 6 / 13 = 0.46

## LLM Model Performance

