Quiz: POSIX Shell II

Total Score: $/2^2$

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 terminal session. If the command has no output, then leave the problem blank.

```
1  $ cd; rm -rf quiz; mkdir quiz; cd quiz
2  $ foo='$(echo hello)'
3  $ cat > quiz.sh <<EOF
4  foo='hola'
5  if [ '$foo' = 'hello' ]; then
6      touch if
7  elif [ '$foo' = 'hola' ]; then
8      touch elif
9  else
10     touch else
11 fi
12 EOF
13 $ sh quiz.sh
14 $ ls
```

Problem 2. Write the output of the final command in the following terminal session. If the command has no output, then leave the problem blank.

```
1  $ cd; rm -rf quiz; mkdir quiz; cd quiz
2  $ foo='hola'
3  $ echo 'hello' > foo
4  $ ( [ "$foo" = 'hello' ] && echo $foo ) >> foo
5  $ cat foo
```

Problem 3. Write the output of the final command in the following terminal session. If the command has no output, then leave the problem blank.

```
1  $ cd; rm -rf quiz; mkdir quiz; cd quiz
2  $ cat > logs <<EOF
3  INFO: blah
4  INFO: blah
5  WARNING: blah blah blah
6  INFO: blah
7  EOF
8  $ cat > quiz.sh <<'EOF'
9  if cat logs | grep ERROR > /dev/null; then
10     touch error
11 elif cat logs | grep WARNING > /dev/null; then
12     touch warning
13 elif cat logs | grep INFO > /dev/null; then
14     touch info
15 fi
16 EOF
17 $ sh quiz.sh
18 $ ls
```

Problem 4. Write the output of the final command in the following terminal session. If the command has no output, then leave the problem blank.

```
1  $ cd; rm -rf quiz; mkdir quiz; cd quiz
2  $ foo='hola'
3  $ cat > quiz.sh <<'EOF'
4  foo='salve'
5  bar='hello'
6  if ! false && [ $foo = hola ] || ! [ $bar = salve ]; then
7     touch if
8  else
9     touch else
10 fi
11 EOF
12 $ sh quiz.sh
13 $ ls
```