Quiz: POSIX II and III

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 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 EOF > /dev/null; then
10     touch eof
11 elif cat logs | grep ERROR > /dev/null; then
12     touch error
13 elif cat logs | grep WARNING > /dev/null; then
14     touch warning
15 elif cat logs | grep INFO > /dev/null; then
16     touch info
17 fi
18 EOF
19 $ sh quiz.sh
20 $ 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  $ [ $foo = hello ] || echo '$foo' >> false
4  $ ls
```

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  $ foo='salve'
3  $ cat > quiz.sh <<EOF
4  foo='hello world'
5  bar='salve munde'
6  if false || ([ "$bar munde" = "salve munde" ] && true); then
7      touch if
8  else
9      touch else
10 fi
11 EOF
12 $ sh quiz.sh
13 $ 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='hello'
5  if ! [ $foo != "hello" ]; then
6      touch if
7  fi
8  EOF
9  $ sh quiz.sh
10 $ ls
```

Problem 5. 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  $ touch 'hello world'
3  $ touch "hola mundo"
4  $ touch salve munde
5  $ touch '*'
6  $ touch "*"
7  $ touch *
8  $ ls | wc -l
```

Problem 6. 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  $ for i in *; do echo $i; done | wc -l
```

Problem 7. 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  $ mkdir test
3  $ echo evil >> -rf
4  $ rm -- ./*
5  $ ls
```

Problem 8. 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  $ mkdir -- -a
3  $ echo evil > -a/evil
4  $ ls -- *
```