Quiz: OOP (1)

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.

```
$ cd; rm -rf quiz; mkdir quiz; cd quiz
$ cat > foo.py <<EOF
class Foo:
    message = 'salve munde'
a = Foo()
a.message = 'hello world'
b = Foo()
b.message = 'hola mundo'
try:
    print('a.message=', a.message)
except AttributeError:
    print('AttributeError')
EOF
$ python3 foo.py
```

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.

```
$ cd; rm -rf quiz; mkdir quiz; cd quiz
$ cat > foo.py <<EOF
class Foo:
    message = 'salve munde'
    def __init__(self, message=None):
        self.message = message
a = Foo()
b = Foo('hola mundo')
try:
    print('Foo.message=', Foo.message)
except AttributeError:
    print('AttributeError')
EOF
$ python3 foo.py
```

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.

```
$ cd; rm -rf quiz; mkdir quiz; cd quiz
$ cat > foo.py <<EOF
class Foo:
    def __init__(self, message=None):
        if message:
            Foo.message = message
a = Foo('hello world')
b = Foo()
try:
    print('b.message=', b.message)
except AttributeError:
    print('AttributeError')
EOF
$ python3 foo.py
```

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.

```
$ cd; rm -rf quiz; mkdir quiz; cd quiz
$ cat > foo.py <<EOF
class Foo:
    pass
a = Foo()
b = Foo()
Foo.message = 'hola mundo'
try:
    print('a.message=', a.message)
except AttributeError:
    print('AttributeError')
EOF
$ python3 foo.py
```