Which of the following opens a file in Python?

```
with open(file.txt) as file_obj:
    pass
```

```
with open('file1.txt') as file_obj:
    pass
```

👏 Correct! Using `open()` opens a file object and `.read()` saves the contents as a string!

```
with file_obj = open('file.txt'):
    pass
```

What method reads a single line from a file object variable called `file_object`?

`file_object.read()`

`file_object.readlines()`

`file_object.readline()`

👏 Correct! `.readline()` is the method to read a single line.

What different modes, passed as arguments to the `open()` function, are there for opening a file in Python?

Read-mode ('r', the default mode), Write-mode ('w'), and Update-mode ('u').

Read-mode ('r', the default mode), Write-mode ('w'), and Append-mode ('a').

👏 Correct! These are the three modes of opening a file in Python.

Read-mode ('r', the default mode), Delete-mode ('d'), and Update-mode ('u').

What does the `with` command do in Python?

Opens a file in read-mode.

Imports a new module for use by the writer of the code.

Creates a context-manager, which performs cleanup after exiting the adjacent indented block.

👏 Correct! `with` creates a context manager.

What function would you use to render Python data to a JSON file?

`json.writelines()`

`json.write()`

`json.dump()`

👏 Correct! `json.dump()` takes Python data and a file object to output to.

Which of the following methods on a file object (called `file_object`) reads the contents of a file and returns it as a string?

```
file_contents = file_object.readlines()
```

```
file_contents = file_object.read()
```

👏 Correct! `.read()` reads the contents of a file.

```
file_contents = file_object.readline()
```

What Python data type would you use to read in a CSV file as a dictionary?

```
json.load
```

```
csv.DictReader
```

👏 Correct! `csv.DictReader` is a useful tool for reading CSV information.

```
csv.DictWriter
```