

Classes and objects

Total points 6/6

Theory test for classes and objects

✓ What is the difference between instance and class variables in Python? * 1/1

- ☐ Instance variables are defined inside a class, while class variables are defined outside a class.
- ☐ Instance variables are shared among all instances of a class, while class variables are unique to each instance.
- ☐ Class variables are defined inside a method, while instance variables are defined outside a method.
- ☒ Class variables are shared among all instances of a class, while instance variables are unique to each instance. ✓

✓ What is the purpose of the `__str__` method in Python? * 1/1

- ☒ It returns a string representation of the object for the end user. ✓
- ☐ It returns a string representation of the object for debugging purposes.
- ☐ It returns a dictionary representation of the object.
- ☐ It returns the object itself.



✓ What is the purpose of the **__repr__** method in Python? *

1/1

- ☐ It returns a string representation of the object for the end user.
- ☒ It returns a string representation of the object for debugging purposes. ✓
- ☐ It returns a dictionary representation of the object.
- ☐ It returns the object itself.

✓ What is the purpose of the **dict** method in Python? *

1/1

- ☐ It returns a string representation of the object for the end user.
- ☒ It returns a dictionary of the object's attributes and values. ✓
- ☐ It returns a list of the object's methods.
- ☐ It returns the object itself.

✓ What is the purpose of the **doc** method in Python? *

1/1

- ☐ It returns a string representation of the object for the end user.
- ☐ It returns a dictionary of the object's attributes and values.
- ☒ It returns the documentation string of the object. ✓
- ☐ It returns the object itself.



✓ Which of the following is a class attribute in Python? *

1/1

- ☐ A variable defined inside a method.
- ☒ A variable defined outside a method and shared among all instances of a class. ✓
- ☐ A variable defined outside a method and unique to each instance.
- ☐ A method defined inside a class.

This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#)

Google Forms





