

CS417 Assignment 6: Frequently-Asked Questions

Q: Should `insert` return a value?

A: No.

Q: Can I insert `insert(None)`?

A: Yes.

Q: Should `union`, `intersection`, `difference` and `issubset` verify that other is indeed an `a_set`?

A: Don't bother checking. The runtime will catch this (I know this is lazy and sloppy).

Q: I'm confused about `issubset`. Does `A.issubset` check that `A` is a subset of `B`, or the other way around?

A: As the specs state, `A.issubset(B)` should check whether or not `A` is a subset of `B`.

Q: What's the difference between `__str__` and `__repr__`?

A: The `__str__` method returns a string that describes the object in a user-friendly way. Since this a set, a user will expect something with `{ }` curly braces.

Example: `"{2, 3, 7, 0}"`

The `__repr__` method, on the other hand, should describe the object in a programmer-friendly way. So it should mention what kind of object it is, and should provide enough data to reconstruct the object.

Example: `"a_set(2, 3, 7, 0)"`