

✓ Congratulations! You passed!

Grade received **100%** To pass 80% or higher

[Go to next item](#)

1. What does it mean to say a Data Structure is a first-class object?

1 / 1 point

- ☒ This means that a data structure can be passed to a function, returned as a result and generally treated like any other variable.
- ☐ It is very quick at retrieving and storing data.
- ☐ They are not memory intensive.

✓ **Correct**

That's correct. It relates to the capabilities available to it.

2. What does it mean to parse a string?

1 / 1 point

- ☒ To remove items from a string not based on a given format.
- ☐ To pass it to the compiler to execute instructions.
- ☐ To remove symbols and uppercases from a string of text.

✓ **Correct**

That's correct. This format can be anything such as the shape of the date, or a repeating pattern such as name, date of birth, address, etc.

3. How many bytes does it normally take to represent a standard int?

1 / 1 point

- ☐ 8
- ☐ 16
- ☒ 4

✓ **Correct**

That's correct. A standard int takes 4 bytes.

4. A Boolean answer is one that will be either true or false?

1 / 1 point

- ☒ True

☐ False

☒ **Correct**

That's correct. Depending on the language it might be 0 or 1, this is just a different representation of true or false.

5. Is it possible to copy an array?

1 / 1 point

☐ Yes, but only through making a shallow-copy.

☒ Yes, but only through making a deep-copy.

☐ No.

☒ **Correct**

Correct. While one can make a shallow copy of an array, the actual array itself is not copied.

Making a deep copy creates a new instance of an array with the same values but that exists in its own space in memory.