

CSE 382
Exercise - JSON

Use the JSONDemo project as a starting point for this exercise. **Submit your text answers to Canvas; no video for this assignment.**

1. What is the serialization of a string that contains a non-printable character such as `(char)5`?

```
a. String str = "ABC" + (char)5 + "DEF";
```
2. In the definition of `Course`, replace the array of `Students` with a `List<Student>`. When doing this, make sure that you allocate the `List`. How does the serialized string differ from the string produced when a regular array was used?
3. If the name of the `Physicist`'s class `dateOfBirth` data member is changed to `DATEOFBIRTH`, does the string still parse? `dateOfBirth2`?
4. Are private data members serialized?
5. What happens if an integer `numChildren` is added to the `Physicist` class? The input string does not have information regarding the number of children. Does the deserialization still succeed?