

Workflow86

Technical Challenge – If-Statement

Problem

Consider a typical If-Statement in a programming language.

For example:

```
If (a == "abc" && b > 4)
then
    true
else
    if (b < 10)
    then
        true
    else
        false
```

We would like to:

1. Represent an If-Statement in a JSON format.
2. Modify the if-Statement. Example, change its conditions.
3. Given the variables values, evaluate the If-Statement.
Example:
a = "abc" and b = 2. This will evaluate to true
4. Translate the source JSON format to the same format and different formats in the future.
5. Code written in Java

Deliverables

1. What does the JSON look like? Provide some examples
2. What does the design and data structure look like?
3. What are the APIs available?
4. The complete code in a zip file or Github link.
5. Instructions on how to run the code
6. Documentation on any additional information that you would like to include/mention.

