**YAML SCRIPT USING DATA TYPES**

YAML stands for “**YAML Ain't Markup Language**” or “Yet Another Markup Lanugage. It is a human-readable data serialization standard commonly used for configuration files and data exchange between programming languages. YAML emphasizes readability and is designed to be simple and intuitive.

**Key Features of YAML:**

1. **Human-Readable**: YAML uses indentation and colon to define structure.
2. **Lightweight**: It avoids excessive syntax, relying on indentation and minimal symbols.
3. **Hierarchical Data Representation**: YAML supports nested data structures, making it ideal for configurations or complex data.
4. **Compatibility**: YAML can be easily converted to or from JSON, and many programming languages have libraries to parse YAML.

**YAML Syntax:**

1. **Key-Value Pairs**:

key: value

1. **Lists**:

items:

- item1

- item2

- item3

1. **Nested Data**:

parent:

child: value

1. **Multiline Strings**:

text: |

This is a

multiline string.

1. **Comments**:

# This is a comment

key: value

**YAML Script using basic Data types:**

# A sample yaml file

#Scalar

Company: SLA

IBM\_certified: true

#Multi\_line scalar

About\_Company: |

SLA is the Best Software Training Institute in Chennai for its Prominent IT Training and Placement Institute steered by IT experts with 100% placement guidance.

#lists

Courses\_offered:

- AWS

- RPA

- VB.Net

- CCNA

#Mapping

Course\_Details:

- AWS:

Name: Full stack web development

Duration: 6 months

- RPA:

Name: Robotic process automation

Duration: 6 months

- VB.Net:

Name: Dotnet Programming

Duration: 3 months

- CCNA:

Name: Cisco Certified Network Associate

Duration: 6 months

**OUTPUT:**

**-**YAML linting is validating and checking the syntax of YAML files to ensure they are correctly formatted and free from errors.

-[YAML Lint](https://www.yamllint.com/) allows you to paste and check your YAML content for errors.

