

Yaml basics :

Data Type

Yaml Automatically Determines the data type if not specified

```
name: khubaib  
age: 20  
graduate: no
```

But you can specify a dataType

```
Syntax --> variable: !!datatype value  
age: !!int 20
```

```
zero: !!int 0  
positiveNum: !!int 45  
negativeNum: !!int -27  
commaValue: !!int 245_000 #245,000 🤔
```

Other Types

```
PI: !!float 3.14  
infinite: !!infinite .inf  
not a num: !!nan .nan  
booleanValue: !!boolean no  
nameString: !!str khubaib  
nullDataType: !!null null #null or NULL or ~
```

Lists

```
- Item1  
- Item2  
- Item3
```

Nested Lists

```
-  
  - Item1  
  - Item2
```

```
- Item3
-
- Item1
- Item2
- Item3
```

Block Type / Object

```
ObjectTypeKeyValue:
  KeyValue: Pair
  KeyValue2: Pair2
```

Or

```
ObjectTypeSimpleList: -Item1
-Item2
-Item3
```

You want to display multiple line in your browser but you want your browser to treat it as a single line #Use ">"

```
aboutInSingleLine: >-
  I am a CS student
  Currently Learning DevOps
  and Android Dev
```

Remember Indentation (one space) is very important here

```
aboutTwoMultipleLine: |-
  I am a CS student
  Currently Learning DevOps
  and Android Dev
```

Single Key but have two Values

```
pairExample:
- job: Student
- job: Teacher
```

Set

```
SetExample:  
?Hammad: Student  
?Danish: Graduate  
?Zubair: Freelancer
```

Dictionary

```
People:  
-khubaib:  
  - Role: Student  
  - Age: 20  
-Kunal:  
  -Role: Teacher  
  -Age: RIP
```

Reusing Properties

```
Likes: &likes  
- Fruits: Mango  
- Food: Biryani  
  
Person1:  
-Name: khubaib  
<<: *likes
```