

S[0:2] == 'Ar'

S[3:6] == 'hur'

s[1:4] == 'rth'

S

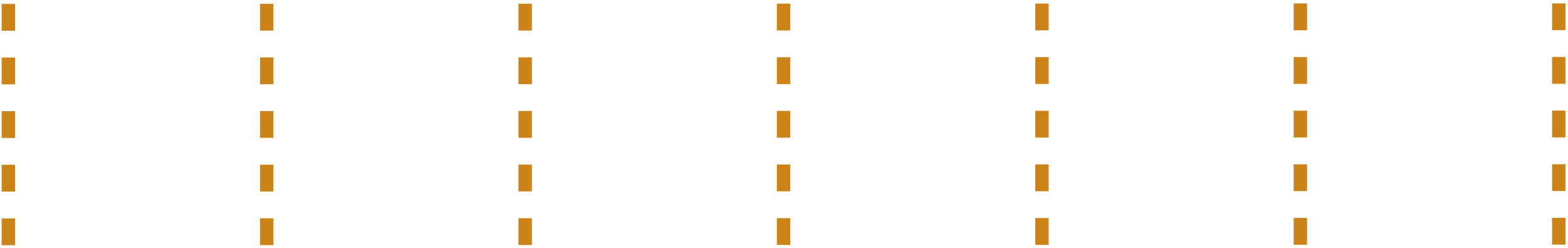
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0 1 2 3 4 5 6





Slicing

`s = 'Arthur'`

Indices: 0 1 2 3 4 5 6

String: 'Arthur'

Diagram illustrating string slicing on the string 'Arthur'.

- Indices 0 to 2 are grouped by a bracket, corresponding to the slice `s[0:2]`.
- Indices 3 to 6 are grouped by a bracket, corresponding to the slice `s[3:6]`.
- Indices 1 to 4 are grouped by a bracket, corresponding to the slice `s[1:4]`.

```
s[0:2] == 'Ar'
s[3:6] == 'hur'
s[1:4] == 'rth'
```

Strings

`s = 'Arthur'`

Indices: 0 1 2 3 4 5 6

Characters: A r t h u r

A diagram showing the string 'Arthur' with its characters and corresponding indices. The indices are 0 through 6, positioned above each character. Vertical dashed orange lines connect each character to its index. The string is enclosed in single quotes, and the variable 's' is followed by an equals sign.

Implicitly starts at 0

```
s[:2] == 'Ar'  
s[3:] == 'hur'
```

Implicitly ends at the end