

S[0:2] == 'Ar'

S[3:6] == 'hur'

`s[1:4] == 'rth'`

S

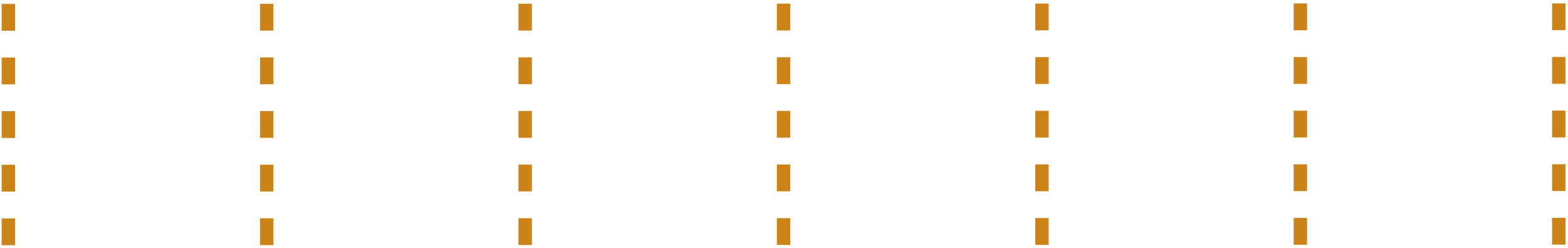
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0 1 2 3 4 5 6





Slicing

`s = 'Arthur'`

0 1 2 3 4 5 6

A r t h u r

The diagram illustrates string slicing on the string 'Arthur'. The string is shown in white characters on a black background. Above the characters are indices 0 through 6. Vertical dashed orange lines mark the boundaries of each character. Three white horizontal double-headed arrows indicate slices: the first arrow spans from index 0 to 2 (covering 'Ar'), the second arrow spans from index 3 to 6 (covering 'hur'), and the third arrow spans from index 1 to 4 (covering 'rth').

```
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