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# Hyphenator.py
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```
""" Inputs a string and inserts hyphens.
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If the string has even length, the hyphen splits  
the first and second halves. Otherwise, a hyphen  
is inserted on either side of the middle character.  
"""
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```
s = input('Enter a string: ')
```

```
n = len(s)
```

```
if n%2==0:
```

```
    # s has even length
```

```
    m = n/2
```

```
    h = s[0:m] + '-' + s[m:]
```

```
else:
```

```
    # s has odd length
```

```
    m = n/2
```

```
    h = s[0:m]+'-'+s[m]+'-'+s[m+1:]
```

```
print s,h
```