



Electronic Technocrat
TECHIE GUY

PYTHON SNIPPETS

Python Strings





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LOOPING THROUGH A STRING

SINCE STRINGS ARE ARRAYS, WE CAN LOOP THROUGH THE CHARACTERS IN A STRING, WITH A FOR A LOOP.

EXAMPLE:

LOOP THROUGH THE LETTERS IN THE WORD "BANANA":

```
for x in "banana":  
    print(x)
```

b
a
n
a
n
a





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STRING LENGTH

TO GET THE LENGTH OF A STRING, USE THE LEN() FUNCTION.

EXAMPLE:

THE LEN() FUNCTION RETURNS THE LENGTH OF A STRING:

```
a = "Hello, World!"  
print(len(a))
```

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CHECK STRING

TO CHECK IF A CERTAIN PHRASE OR CHARACTER IS PRESENT IN A STRING, WE CAN USE THE KEYWORD IN.

EXAMPLE:

CHECK IF "FREE" IS PRESENT IN THE FOLLOWING TEXT:

```
txt = "The best things in life are free!"  
print("free" in txt)
```

True



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USE IT IN AN **IF STATEMENT:**
EXAMPLE:
PRINT ONLY IF "FREE" IS PRESENT:

```
txt = "The best things in life are free!"  
if "free" in txt:  
    print("Yes, 'free' is present.")
```

Yes, 'free' is present.

CHECK IF NOT

TO CHECK IF A CERTAIN PHRASE OR CHARACTER IS NOT PRESENT IN A STRING, WE CAN USE THE KEYWORD NOT IN.

EXAMPLE:

CHECK IF "EXPENSIVE" IS NOT PRESENT IN THE FOLLOWING TEXT:

```
txt = "The best things in life are free!"  
print("expensive" not in txt)
```

True