



Global Variables + Scope

First, an example...

Write a function called `remove_chars` that takes two inputs

`msg`: str and `char`: str

and `returns` a copy of `msg` with all instances of `char` removed.

E.g. `remove_chars("football", "o")` should return "ftball"

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```
def remove_chars(msg: str, char: str) -> str:
    """Return a copy of msg with all instances of char
    removed."""
    copy: str = "" # Set up empty str to copy values over
    index: int = 0
    while index < len(msg):
        # if <something>
        #     <do something>
        index += 1
    return copy
```

Now, try calling the function...

Outside the function definition, create a variable called `word` with the value “yoyo”.

Print the result of calling your function with arguments `word` and “y”

Now, print the result of calling your function with arguments `word` and “o”

Challenge: try using *positional arguments* if you can!

Diagram!