

适10變数為17數义个配用。

#### Lifetime, Ownership

```
1 • fn change(s: String) -> String {
                                                                                                                           Execution
       format!("{s}, Yooo!")
                                                                                                                               Errors
3 }
                                                  Exited with status 101
5 ⋅ fn show(s: String) {
       println!("{s}");
                                                                                                                           Standard Error
8
                                                    Compiling playground v0.0.1 (/playground)
9 fn main() {
                                                 error[E0382]: use of moved value: `result`
       let str = String::from("Test");
                                                    --> src/main.rs:14:10
       let result = change(str);
                                                           let result = change(str);
13
       show(result);
                                                               ----- move occurs because `result` has type `String`, which does not implement the `Copy` trait
       show(result);
                                                  12
                                                  13
                                                           show(result);
                                                                ---- value moved here
                                                  14
                                                           show(result);
                                                                ^^^^^ value used here after move
                                                  note: consider changing this parameter type in function `show` to borrow instead if owning the value isn't necessary
                                                    --> src/main.rs:5:12
                                                       fn show(s: String) {
                                                                  ^^^^^ this parameter takes ownership of the value
                                                          in this function
                                                  help: consider cloning the value if the performance cost is acceptable
                                                  13
                                                           show(result.clone());
                                                                      +++++++
                                                  For more information about this error, try `rustc --explain E0382`.
```

#### 感謝小精靈的努力







## 這個變數為什麼又不能用了!

### Lifetime, Ownership

```
1  fn change(s: String) -> String {
2    format!("{s}, Yooo!")
3  }
4
5  fn show(s: String) {
6    println!("{s}");
7  }
8
9  fn main() {
10    let str = String::from("Test");
11    let result = change(str);
12
13    show(result);
14    show(result);
15  }
```

```
Execution
                                                                            Errors
Exited with status 101
                                                                        Standard Error
   Compiling playground v0.0.1 (/playground)
error[E0382]: use of moved value: `result`
  --> src/main.rs:14:10
        let result = change(str);
11
             ----- move occurs because `result` has type `String`, which does not implement the `Copy` trait
12
        show(result);
13
             ---- value moved here
        show(result);
14
              ^^^^^ value used here after move
note: consider changing this parameter type in function `show` to borrow instead if owning the value isn't necessary
  --> src/main.rs:5:12
     fn show(s: String)
                ^^^^^ this parameter takes ownership of the value
        in this function
help: consider cloning the value if the performance cost is acceptable
                                                                                        感謝小精靈的努力
13
        show(result.clone());
                    +++++++
For more information about this error, try `rustc --explain E0382`.
```

# 物件印不出來怎麼 debug!

### Debug 愛配這個

```
struct Foo {
    name: String,
}

fn main() {
    let foo = Foo { name: "test".to_string() };
    println!("{:?}", foo);
    // JS => console.log("%o", obj);
}
```