

变量转化

不支持隐式类型转化 别名的隐式类型转换也不被允许

```
package type_test

import "testing"

type Myint int32

func TestType(t *testing.T) {
    var a int32 = 1
    var b int64 = 2
    a = b
    var c Myint = a
}
```

测试显示的结果

```
PS F:\go\go_learning\src\ch3\type_test> go test -v .\type_test.go
# command-line-arguments_test [command-line-arguments.test]
.\type_test.go:10:6: cannot use b (variable of type int64) as int32 value in assignment
.\type_test.go:12:16: cannot use a (variable of type int32) as Myint value in variable declaration
FAIL    command-line-arguments [build failed]
FAIL
```

如下图这样显式转换即可

```
func TestType(t *testing.T) {
    var a int32 = 1
    var b int64 = 2
    a = int32(b)
    var c Myint = Myint(a)
    t.Log(c)
}
```

指针类型


指针的简单使用

```
func TestPoint(t *testing.T) {
    a := 1
    aPtr := &a
    t.Log(a, aPtr)
    t.Logf("%T %T", a, aPtr)
}
```

```
=== RUN   TestPoint
type_test.go:18: 1 0xc0001121a0
type_test.go:19: int *int
--- PASS: TestPoint (0.00s)
```

Go的指针不支持运算

```
func TestPoint(t *testing.T) {
    a := 1
    aPtr := &a
    aPtr = aPtr + 1
    t.Log(a, aPtr)
    t.Logf("%T %T", a, aPtr)
}
```



```
.\type_test.go:18:9: invalid operation: aPtr + 1 (mismatched types *int and untyped int)
```

string类型

字面值

未初始化为 ""

使用 `s == ""` 进行空字符串的判断