Code

```
• • •
package tax
import (
               expected float64
              {149999, 0},
{150000, 0},
{150001, 0.05},
               {299999, 7499.95},
{300000, 7500},
{300001, 7500.10},
               {499999, 27499.90},
{500000, 27500},
{500001, 27500.15},
               {749999, 64999.85},
{750000, 65000},
{750001, 65000.20},
               {999999, 114999.80},
{1000000, 115000},
{1000001, 115000.25},
               {1999999, 364999.75},
{2000000, 365000},
{2000001, 365000.30},
               {4999999, 1264999.70},
{5000000, 1265000},
{5000001, 1265000.35},
        for _, tt := range tests {
               if tt.revenue < 0 {
    if err == nil {</pre>
                              t.Errorf("CalculateThaiTax(%f) returned an unexpected error: %v", tt.revenue,
```

Result

```
PROBLEMS OUTPUT PORTS TERMINAL DEBUG CONSOLE

(base) film@Waranthorns-MacBook-Air tax % go test -cover -coverprofile="coverage.out"

PASS
coverage: 100.0% of statements
ok Golang-Unit-Test/tax 0.286s
(base) film@Waranthorns-MacBook-Air tax % go tool cover -html="coverage.out" -o coverage.html
(base) film@Waranthorns-MacBook-Air tax %
```

```
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    tax: Go Coverage Report

   → C • File /Users/film/Documents/GitHub/Golang-Unit-Test/tax/coverage.html#file0
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Golang-Unit-Test/tax/tax.go (100.0%) v not tracked not covered covered
       if revenue < 0 {
    return 0, errors.New("revenue cannot be negative")
       var tax float64
       var tax
switch {
  case revenue <= 150000:
     tax = 0
     revenue <= 300000:
     revenue <= 300000:</pre>
               tax = (revenue - 150000) * 0.05
       case revenue <= 500000:
tax = (300000-150000)*0.05 + (revenue-300000)*0.10
               tax = (300000-150000)*0.05 + (500000-300000)*0.10 + (revenue-500000)*0.15
               tax = (300000-150000)*0.05 + (500000-300000)*0.10 + (750000-500000)*0.15 + (revenue-750000)*0.20
               tax = (300000-150000)*0.05 + (500000-300000)*0.10 + (750000-500000)*0.15 + (1000000-750000)*0.20 + (revenue-1000000)*0.25
               tax = (300000-150000)*0.05 + (500000-300000)*0.10 + (750000-500000)*0.15 + (1000000-750000)*0.20 + (2000000-1000000)*0.25 + (revenue
               return tax, nil
```