

# Option: Inject a Mock

*# core.py*

```
def total_value(read, email, invoice_id, discount=0.0):  
    items = read(email, inv_no=invoice_id)  
    return sum(items)*(1.0-discount)
```

# Option: Inject a Mock

```
def test_total_value():  
    assert 300 == total_value(???, "karl@python.de", 92)
```