Clicker Questions
for
L07: Modules & Testing

Questions from 2017-02-09
Q10: Testing

Consider the following function:

```python
def product_upto(num):
    """
    (int) -> int
    Returns the product of the integers from 1 to num
    """
    ....

Which of the choices on the right is a minimal but complete set of black-box test cases for this function?

A. `product_upto(100)`
   `product_upto(0)`
   `product_upto(20)`

B. `product_upto(100)`
   `product_upto(0)`
   `product_upto(1)`

C. `product_upto(100)`
   `product_upto(0)`
   `product_upto(-1)`

D. `product_upto(100)`
   `product_upto(0)`
   `product_upto(-1)`
   `product_upto(-100)`
   `product_upto(1)`

E. None of the above
Q11: Testing

Consider the following function:

```python
def product_upto(num):
    """
    (int) -> int
    num >= 0
    
    Returns the product of the integers from 1 to num
    """
```

Which of the choices on the right is a **minimal but complete** set of black-box test cases for this function?

- A. `product_upto(100)`
  `product_upto(0)`
  `product_upto(20)`

- B. `product_upto(100)`
  `product_upto(0)`
  `product_upto(1)`

- C. `product_upto(100)`
  `product_upto(0)`
  `product_upto(-1)`

- D. `product_upto(100)`
  `product_upto(0)`
  `product_upto(-1)`
  `product_upto(-100)`
  `product_upto(1)`

- E. None of the above