Coverage for **test_factor.py** : 100%

9 statements   9 run   0 missing   0 excluded

```
1
2  import factor as f
3
4  def test_factor_fn():
5      """Test for factor function in factor.py file"""
6
7      assert f.smallest_factor(1) == 1, "failed on 1"
8      assert f.smallest_factor(7) == 7, "failed on a small prime number"
9      assert f.smallest_factor(157) == 157, "failed on a large prime number"
10     assert f.smallest_factor(6) == 2, "failed on a small non-prime number"
11     assert f.smallest_factor(77) == 7, "failed on a large non-prime number"
12     assert f.smallest_factor(25) == 5, "failed on a square of a prime"
13     assert f.smallest_factor(0) == None, "incorrect input"
```

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