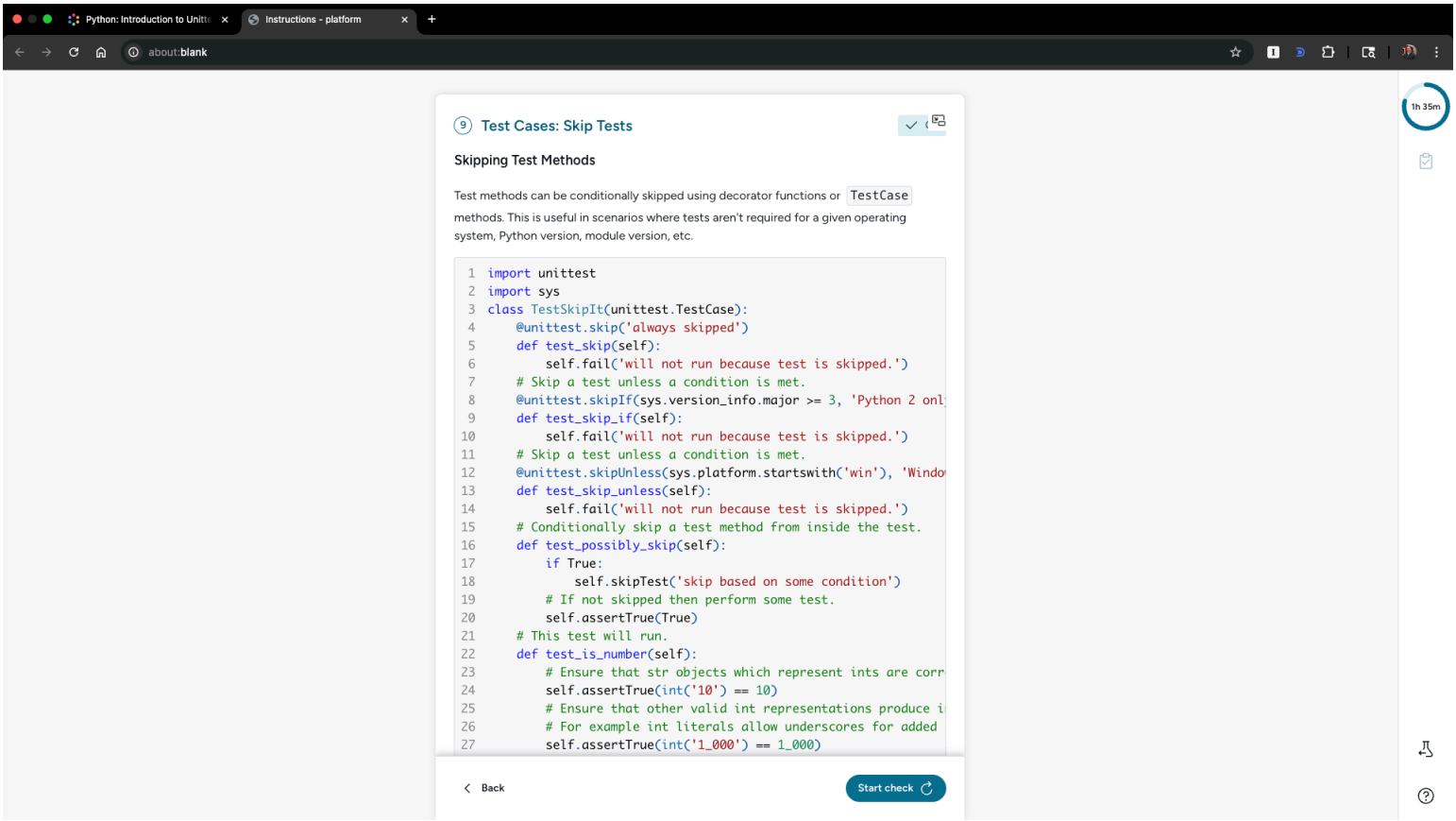
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1h 35m
9 Test Cases: Skip Tests
Skipping Test Methods
Test methods can be conditionally skipped using decorator functions or TestCase methods. This is useful in scenarios where tests aren't required for a given operating system, Python version, module version, etc.
1 import unittest
2 import sys
3 class TestSkipIt(unittest.TestCase):
4 @unittest.skip('always skipped')
5 def test_skip(self):
6 self.fail('will not run because test is skipped.')
7 # Skip a test unless a condition is met.
8 @unittest.skipIf(sys.version_info.major >= 3, 'Python 2 onl
9 def test_skip_if(self):
10 self.fail('will not run because test is skipped.')
11 # Skip a test unless a condition is met.
12 @unittest.skipUnless(sys.platform.startswith('win'), 'Windo
13 def test_skip_unless(self):
14 self.fail('will not run because test is skipped.')
15 # Conditionally skip a test method from inside the test.
16 def test_possibly_skip(self):
17 if True:
18 self.skipTest('skip based on some condition')
19 # If not skipped then perform some test.
20 self.assertTrue(True)
21 # This test will run.
22 def test_is_number(self):
23 # Ensure that str objects which represent ints are corr
24 self.assertTrue(int('10') == 10)
25 # Ensure that other valid int representations produce i
26 # For example int literals allow underscores for added
27 self.assertTrue(int('1_000') == 1_000)
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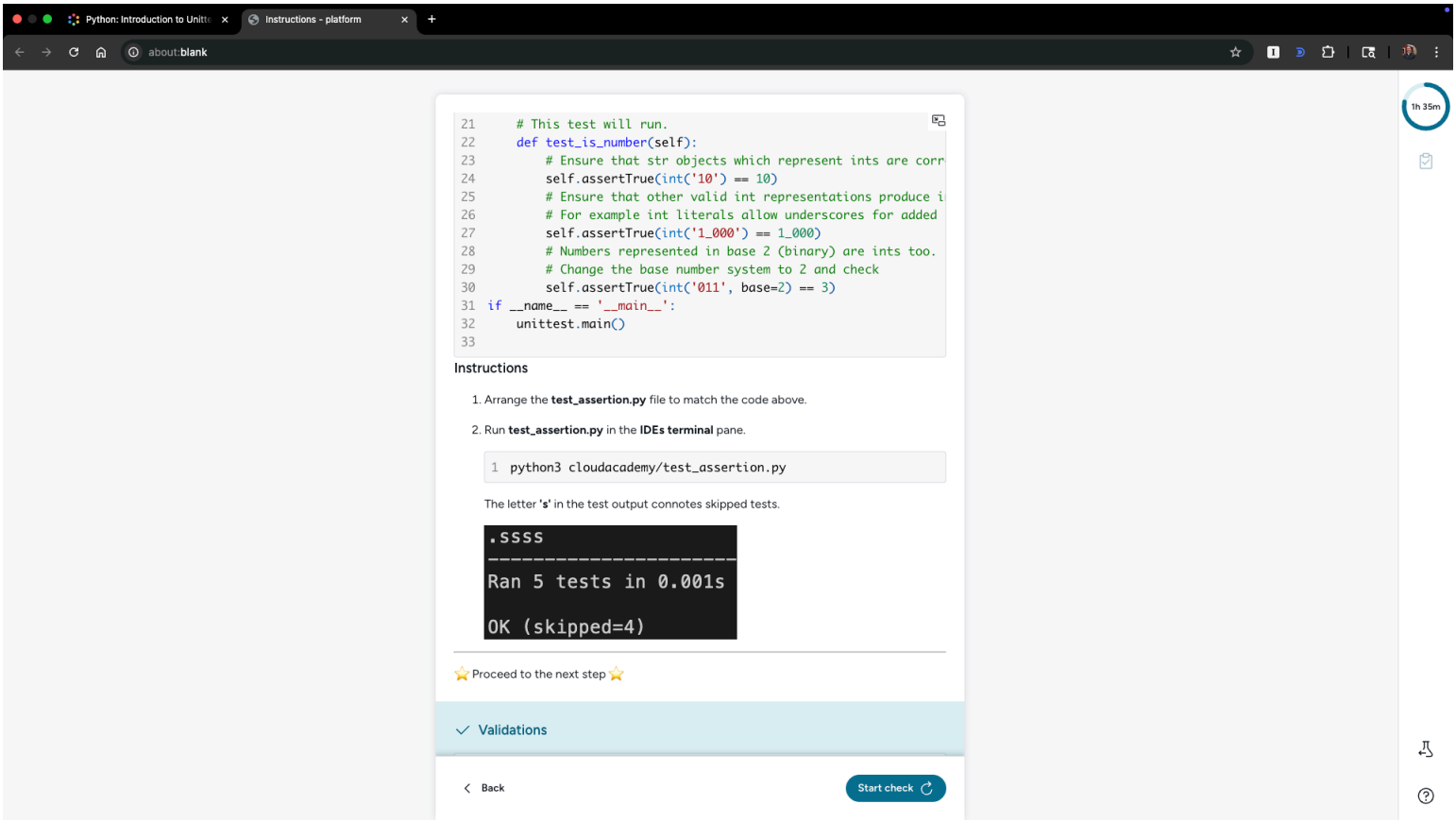
Start check


Python: Introduction to Unitte
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about:blank
21 # This test will run.
22 def test_is_number(self):
23 # Ensure that str objects which represent ints are corr
24 self.assertTrue(int('10') == 10)
25 # Ensure that other valid int representations produce i
26 # For example int literals allow underscores for added
27 self.assertTrue(int('1_000') == 1_000)
28 # Numbers represented in base 2 (binary) are ints too.
29 # Change the base number system to 2 and check
30 self.assertTrue(int('011', base=2) == 3)
31 if __name__ == '__main__':
32 unittest.main()
33
Instructions
1. Arrange the test_assertion.py file to match the code above.
2. Run test_assertion.py in the IDEs terminal pane.
1 python3 cloudacademy/test_assertion.py
The letter 's' in the test output connotes skipped tests.
.ssss
Ran 5 tests in 0.001s
OK (skipped=4)
Proceed to the next step
Validations
Back
Start check
1h 35m