```
1: import unittest
2: def median(pool):
3:     copy = sorted(pool)
4:     size = len(copy)
5:     if size % 2 == 1:
6:         return copy[(size - 1) / 2]
7:     else:
8:         return (copy[size/2 - 1] + copy[size/2]) / 2
9: class TestMedian(unittest.TestCase):
10:     def testMedian(self):
11:         self.failUnlessEqual(median([2, 9, 9, 7, 9, 2, 4, 5, 8]), 7)
12: if __name__ == '__main__':
13:     unittest.main()
```

```
  1           0 LOAD_CONST               0 (-1)
              3 LOAD_CONST               1 (None)
              6 IMPORT_NAME              0 (unittest)
              9 STORE_NAME               0 (unittest)
  2          12 LOAD_CONST               2 ()
             15 MAKE_FUNCTION            0
             18 STORE_NAME               1 (median)
  9          21 LOAD_CONST               3 ('TestMedian')
             24 LOAD_NAME                0 (unittest)
             27 LOAD_ATTR                2 (TestCase)
             30 BUILD_TUPLE              1
             33 LOAD_CONST               4 ()
             36 MAKE_FUNCTION            0
             39 CALL_FUNCTION            0
             42 BUILD_CLASS
             43 STORE_NAME               3 (TestMedian)
 12          46 LOAD_NAME                4 (__name__)
             49 LOAD_CONST               5 ('__main__')
             52 COMPARE_OP               2 (==)
             55 POP_JUMP_IF_FALSE       71
 13          58 LOAD_NAME                0 (unittest)
             61 LOAD_ATTR                5 (main)
             64 CALL_FUNCTION            0
             67 POP_TOP
             68 JUMP_FORWARD             0 (to 71)
        >>   71 LOAD_CONST               1 (None)
             74 RETURN_VALUE
```