

```

1: def median(pool):
2:     '''Statistical median to demonstrate doctest.
3:     >>> median([2, 9, 9, 7, 9, 2, 4, 5, 8])
4:     7
5:     '''
6:     copy = sorted(pool)
7:     size = len(copy)
8:     if size % 2 == 1:
9:         return copy[(size - 1) / 2]
10:    else:
11:        return (copy[size/2 - 1] + copy[size/2]) / 2
12: if __name__ == '__main__':
13:     import doctest
14:     doctest.testmod()

```

1	0	LOAD_CONST	0	()
	3	MAKE_FUNCTION	0	
	6	STORE_NAME	0	(median)
12	9	LOAD_NAME	1	(__name__)
	12	LOAD_CONST	1	('__main__')
	15	COMPARE_OP	2	(==)
	18	POP_JUMP_IF_FALSE	46	
13	21	LOAD_CONST	2	(-1)
	24	LOAD_CONST	3	(None)
	27	IMPORT_NAME	2	(doctest)
	30	STORE_NAME	2	(doctest)
14	33	LOAD_NAME	2	(doctest)
	36	LOAD_ATTR	3	(testmod)
	39	CALL_FUNCTION	0	
	42	POP_TOP		
	43	JUMP_FORWARD	0	(to 46)
>>	46	LOAD_CONST	3	(None)
	49	RETURN_VALUE		
