

```

contract MyContract {
  mapping(uint => uint) items;
  function test(uint val1) public {
    require(val1 > 10);
    unchecked {
      items[4] = val1+1;
      assert(items[4] > 10); } } }

```

Symbolic Interpretation

(ITE (IsZero TxValue)) ...

True

ITE (LT 10 (Var "arg1")) ...

True

ITE (LT (Add 1 (Var "arg1")) 10)...

False

False

(Failure Error: Revert)

Assertions:

(PEq (IsZero TxValue) 0)
(PLT (BufLength (AbstractBuf "txdata")) 18446744073709551616)

(Failure Error: Revert [...])

Assertions:

(PEq (LT 10 (Var "arg1")) 0)
(PEq TxValue 0)
(PLT (BufLength (AbstractBuf "txdata")) 18446744073709551616)

(Failure Error: Revert [...])

Assertions:

....

(Success [...])

Assertions:

(PEq 37470[...] (Keccak (ConcreteBuf [...])))
(PLT (Add 1 (Var "arg1")) 10)
(PLT 10 (Var "arg1"))
(PEq TxValue 0)
(PLT (BufLength (AbstractBuf "txdata")) 18446744073709551616)