

```
contract Ownable {
  address public owner;
  modifier onlyOwner() {
    require(msg.sender == owner);
    _;
  }
  function renounceOwnership() public onlyOwner {
    emit OwnershipRenounced(owner);
    owner = address(0);
  }
  function transferOwnership(address _newOwner) public onlyOwner {
    _transferOwnership(_newOwner);
  }
  function _transferOwnership(address _newOwner) internal {
    require(_newOwner != address(0));
    emit OwnershipTransferred(owner, _newOwner);
    owner = _newOwner;
  }
}
... ..
```

Smart Contract

