

## Simple Storage with remix

The screenshot displays the Remix IDE interface. The top bar shows the URL `remix.ethereum.org/#optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.7+commit.e28d00a7.js`. The left sidebar, titled "FILE EXPLORERS", shows a workspace named "default\_workspace" containing folders for "contracts", "scripts", and "tests", along with files "README.txt" and "SimpleStorage.sol". The main editor area displays the Solidity code for "SimpleStorage.sol".

```
1 // I'm a comment!
2 // SPDX-License-Identifier: MIT
3
4 pragma solidity 0.8.8;
5 // pragma solidity ^0.8.0;
6 // pragma solidity >=0.8.0 <0.9.0;
7
8 contract SimpleStorage {
9
10     uint256 favoriteNumber;
11
12     struct People {
13         uint256 favoriteNumber;
14         string name;
15     }
16     // uint256[] public anArray;
17     People[] public people;
18
19     mapping(string => uint256) public nameToFavoriteNumber;
20
21     function store(uint256 _favoriteNumber) public {
22         favoriteNumber = _favoriteNumber;
23     }
24
25     function retrieve() public view returns (uint256){
26         return favoriteNumber;
27     }
28
29     function addPerson(string memory _name, uint256 _favoriteNumber) public {
30         people.push(People(_favoriteNumber, _name));
31         nameToFavoriteNumber[_name] = _favoriteNumber;
32     }
33 }
34
35
```