

```
// SPDX-License-Identifier: MIT
```

```
pragma solidity ^0.8.0;
```

```
contract HCoinx {
```

```
    string public name = "HCoinx";
```

```
    string public symbol = "HCX";
```

```
    uint256 public totalSupply = 1000000;
```

```
    uint8 public decimals = 18;
```

```
    mapping(address => uint256) public balanceOf;
```

```
    constructor() {
```

```
        balanceOf[msg.sender] = totalSupply;
```

```
    }
```

```
    event Transfer(address indexed from, address indexed to, uint256 value);
```

```
    function transfer(address _to, uint256 _value) public returns (bool success) {
```

```
        require(balanceOf[msg.sender] >= _value, "Not enough balance");
```

```
        balanceOf[msg.sender] -= _value;
```

```
        balanceOf[_to] += _value;
```

```
        emit Transfer(msg.sender, _to, _value);
```

```
        return true;
```

```
    }
```

```
}
```