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SPDX-License-Identifier: MIT //
;pragma solidity ^0.8.0

} contract Zinabcoin
;string public name = "Zinabcoin
;string public symbol = "ZNB
;uint8 public decimals = 18
;uint256 public totalSupply
;address public owner

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

;(event Transfer(address indexed from, address indexed to, uint256 value
;(event Approval(address indexed owner, address indexed spender, uint256 value
event OwnershipTransferred(address indexed previousOwner, address indexed
;(newOwner

} ()modifier onlyOwner
;("require(msg.sender == owner, "Only owner
;_
{

} ()constructor
;owner = msg.sender
;(totalSupply = 1_000_000_000 * 10**uint256(decimals
;balanceOf[msg.sender] = totalSupply
;(emit Transfer(address(0), msg.sender, totalSupply
{

} (function transfer(address _to, uint256 _value) public returns (bool
;("require(_to != address(0), "Invalid address
;("require(balanceOf[msg.sender] >= _value, "Insufficient balance
;balanceOf[msg.sender] -= _value
;balanceOf[_to] += _value
;(emit Transfer(msg.sender, _to, _value
;return true
{

} (function approve(address _spender, uint256 _value) public returns (bool
;("require(_spender != address(0), "Invalid address
;allowance[msg.sender][_spender] = _value
;(emit Approval(msg.sender, _spender, _value
;return true
{

} (function transferFrom(address _from, address _to, uint256 _value) public returns (bool
;("require(_from != address(0) && _to != address(0), "Invalid address

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;("require(balanceOf[_from] >= _value, "Insufficient balance
;("require(allowance[_from][msg.sender] >= _value, "Allowance exceeded
;balanceOf[_from] -= _value
;balanceOf[_to] += _value
;allowance[_from][msg.sender] -= _value
;(emit Transfer(_from, _to, _value
;return true
{

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} function mint(address _to, uint256 _amount) public onlyOwner
;("require(_to != address(0), "Invalid address
;(uint256 mintedAmount = _amount * 10**uint256(decimals
;totalSupply += mintedAmount
;balanceOf[_to] += mintedAmount
;(emit Transfer(address(0), _to, mintedAmount
{

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} function burn(uint256 _amount) public
;(uint256 burnedAmount = _amount * 10**uint256(decimals
;("require(msg.sender != address(0), "Invalid address
;("require(balanceOf[msg.sender] >= burnedAmount, "Insufficient balance
;balanceOf[msg.sender] -= burnedAmount
;totalSupply -= burnedAmount
;(emit Transfer(msg.sender, address(0), burnedAmount
{

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(function increaseAllowance(address _spender, uint256 _addedValue) public returns (bool
}
;("require(_spender != address(0), "Invalid address
;allowance[msg.sender][_spender] += _addedValue
;([emit Approval(msg.sender, _spender, allowance[msg.sender][_spender
;return true
{

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function decreaseAllowance(address _spender, uint256 _subtractedValue) public returns
} ((bool
;("require(_spender != address(0), "Invalid address
require(allowance[msg.sender][_spender] >= _subtractedValue, "Decreased below
;("zero
;allowance[msg.sender][_spender] -= _subtractedValue
;([emit Approval(msg.sender, _spender, allowance[msg.sender][_spender
;return true
{

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} function transferOwnership(address newOwner) public onlyOwner
;("require(newOwner != address(0), "Invalid address
;("require(newOwner != owner, "New owner is the same as the current owner
;(emit OwnershipTransferred(owner, newOwner

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;owner = newOwner
{

} function renounceOwnership() public onlyOwner
;((emit OwnershipTransferred(owner, address(0
;owner = address(0
{
{
```