**Example Program-1:**

**Printing message on the screen**

pragma solidity >0.8.24;

contract HelloWorld {

string public greet = "Hello World!";

}

**Example Program-2:**

**Setting and getting values of a variable**

pragma solidity >0.7.0;

contract HelloWorld

{

string public yourName;

constructor() public

{

yourName = "World";

}

function set(string memory name) public

{

yourName = name;

}

function hello() view public returns (string memory)

{

return yourName;

}

}

**Example Program-3:**

**Program to return the balance and address and owner of a smart contract**

pragma solidity >0.7;

contract MyContract

{

address private owner;

constructor() public{

owner=msg.sender;

}

function getOwner(

) public view returns (address) {

return owner;

}

function getBalance(

) public view returns(uint256){

return owner.balance;

}

}

**Example Program-4:**

pragma solidity < 0.9.0;

contract Test

{

uint public var1;

uint public var2;

uint public sum;

function set(uint x, uint y) public

{

var1 = x;

var2 = y;

sum=var1+var2;

}

function get(

) public view returns (uint) {

return sum;

}

}