

ASSIGNMENT

Program:

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

pragma solidity ^0.8.0;

contract ZoneNameContract {

    function getZoneName() public pure returns (string memory) {

return "Zone name";

    }

}
```

ABI:

```
[
  {
    "inputs": [],
    "name": "getZoneName",
    "outputs": [
      {
        "internalType": "string",
        "name": "",
        "type": "string"
      }
    ],
    "stateMutability": "pure",
    "type": "function"
  }
]
```

Bytecode:

[illegible]

Output:

The screenshot displays the Solidity Compiler interface. On the left, the 'COMPILER' section shows version '0.8.18+commit.L8761d96' and options for 'Auto compile' and 'Hide warnings'. The 'CONTRACT' section lists 'ZoneNameContract (ZoneName.sol)' with buttons for 'Publish on Ipfs', 'Publish on Swarm', and 'Compilation Details'. The main editor shows the source code for 'ZoneName.sol' with a function 'getZoneName' that returns the string 'Zone name'. The right panel shows the transaction details for a call to 'ZoneNameContract.getZoneName()' with a gas cost of 715 and a decoded output of 'Zone name'.

The screenshot displays the 'DEPLOY & RUN TRANSACTIONS' interface. The 'CONTRACT' section shows 'ZoneNameContract - ZoneName.sol' with a 'Deploy' button. The 'Transactions recorded' section shows a list of transactions. The 'Deployed Contracts' section shows the 'ZoneNameContract' deployed at address '0x09...'. The 'Low level interactions' section shows a call to 'getZoneName' with a decoded output of 'Zone name'. The right panel shows the transaction details for a call to 'ZoneNameContract.getZoneName()' with a gas cost of 715 and a decoded output of 'Zone name'.

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