

ASSIGNMENT-1

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 the version '0.8.18+commit.87f61d96' and options for 'Auto compile' and 'Hide warnings'. Below this, the 'CONTRACT' section shows 'ZoneNameContract (ZoneName.sol)' and buttons for 'Publish on Ipfs', 'Publish on Swarm', and 'Compilation Details'. The main editor shows the Solidity code for 'ZoneNameContract' with a function 'getZoneName' that returns 'Zone name'. The right panel shows the transaction details for a call to 'ZoneNameContract.getZoneName()' with a data field '0x235...ed70f'.

The screenshot displays the 'DEPLOY & RUN TRANSACTIONS' interface. On the left, the 'CONTRACT' section shows 'ZoneNameContract - ZoneName.sol' and a 'Deploy' button. Below this, the 'Transactions recorded' section shows a list of transactions, including one for 'ZoneNameContract' at address '0xd9145CCE52D386F254917e481eB44e9943F39138'. The right panel shows the transaction details for a call to 'ZoneNameContract.getZoneName()' with a data field '0x235...ed70f'.

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