

# Blockchain assignment

**Code:**

```
pragma solidity ^0.8.0;
contract Mycontract
{
    function getZoneName()
    public pure returns (string memory)
    {
        return "zone name";
    }
}
```

**Byte code:**

[illegible]

**ABI:**

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

```
}  
]
```

## Result:

The screenshot displays the Remix Ethereum IDE interface. The top browser window shows the URL `remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js`. Below the browser, a notification states: "To get future Google Chrome updates, you'll need Windows 10 or later. This computer is using Windows 7." The main workspace is divided into three panels. The left panel, titled "DEPLOY & RUN TRANSACTIONS", contains fields for "ACCOUNT" (0x5B3...eddC4), "GAS LIMIT" (3000000), "VALUE" (0 Wei), and "CONTRACT" (Mycontract - blockchain assignment.s). A tooltip indicates "The default gas limit is 3M. Adjust as needed." The "Deploy" button is highlighted. The bottom section of the left panel shows "Transactions recorded" (1) and "Deployed Contracts" (MYCONTRACT AT 0XD91...3913E). The center panel shows the Solidity code for `blockchain assignment.sol`:

```
1 pragma solidity ^0.8.0;  
2 contract Mycontract  
3 {  
4     function getZoneName() infinite gas  
5         public pure returns (string memory)  
6     {  
7         return "zone name";  
8     }  
9 }  
10  
11  
12  
13  
14  
15  
16
```

The right panel shows the transaction status: "[vm] from: 0x5B3...eddC4 to: Mycontract.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0xf85...79f81". The status is "true Transaction mined and execution succeed". The bottom status bar shows the time as 6:39 PM on 06/10/2023.