

Homework 15

Part 1

Optimisation 2

1. Why are negative numbers more expensive to store than positive numbers ?
2. Test the following statements in Remix, which is cheaper and why ?
Assume that the denominator can never be zero.

1.

```
result = numerator / demoninator;
```

2.

```
assembly {  
    result := div(numerator,  
demoninator)  
}
```

Part 2

In preparation for the final CTF levels tomorrow, ensure that you have completed and understand the assembly exercises.