

CS 101 Lab 6 Revision Wed

First, write a `long binaryNOR(int, int)` method that takes two positive integers as input and computes the binary bitwise NOR of the two inputs.

Then, write a `long binaryAND(int, int)` method that takes two positive integers as input and computes the binary bitwise AND of the two inputs.

Binary NOR operation:

| Input | | Output |
|-------|---|---------|
| A | B | A NOR B |
| 0 | 0 | 1 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 0 |

Binary AND operation:

| Input | | Output |
|-------|---|---------|
| A | B | A AND B |
| 0 | 0 | 0 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

Sample run:

```
Enter the first number: 10
Enter the second number: 15
The bitwise NOR operation result: 100
The bitwise AND operation result: 1000
```