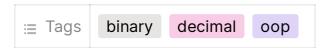
Day 3



I love Decimals and Binary

Let's kick off with a simple task. Show off your knowledge of computer science fundamentals by designing a class named Converter. The class should contain two main methods;

- topecimal which takes a string as input and should return an integer representing the decimal value of the binary input.
- tobinary which takes an integer as input and should return a string representing the binary value of the decimal input.

Examples

```
Converter c;

// Example 1
c.toBinary(6); // Prints "0110" or "110"
c.toDecimal("0110"); // Prints 6

// Example 2
c.toBinary(185); // Prints "10111001"
c.toDecimal("10111001"); // Prints 185
```

Note:

- Runtime matters. Faster algorithms will be ranked higher.
- Clean code matters. Ranking will be affected by readability.
- Feel free to add more questions in your Corona helper program.
- Be creative.
- toBinary takes input from 0 to 2,147,483,647 (32-bit signed).

Day 3

• ODECIMAL takes input containing only o or/and 1.

Day 3 2