



William Ting &lt;williamdjting@gmail.com&gt;

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**FW: Flip Flopping Bits**

1 message

**William Ting** <william\_ting\_2@sfu.ca>

Sun, Aug 6, 2023 at 6:08 AM

To: "williamdjting@gmail.com" &lt;williamdjting@gmail.com&gt;

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**From:** Daily Byte**Sent:** Sunday, August 6, 2023 6:08:38 AM (UTC-08:00) Pacific Time (US & Canada)**To:** William Ting**Subject:** Flip Flopping Bits

## The Daily Byte

Good morning,

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### Today's Byte

Given a positive integer

$N$ , return whether or not it has alternating bit values.

Ex: Given the following value for

$N$  ...

```
N = 5, return true.  
5 in binary is 101 which alternates bit values between 0 and 1.
```

Ex: Given the following value for

N ...

```
N = 8, return false  
8 in binary is 1000 which does not alternate bit values  
between 0 and 1.
```

Thanks,  
The Daily Byte

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