

5 Vote Iterator (10 points)

Write an iterator that takes in an `Integer` array of vote counts and iterates over the votes. The input array contains the number of votes each selection received. For example, if the input array contained the following:

<code>Integer[]</code>					
0	2	1	0	1	0
<code>index: 0</code>	<code>1</code>	<code>2</code>	<code>3</code>	<code>4</code>	<code>5</code>

then calls to `next()` would eventually return 1 twice (because at index 1, the input array has value 2), 2 once, and 4 once. After that, `hasNext()` would return `false`.

Provide code for the `VoteIterator` class below. Make sure your iterator adheres to standard iterator rules.

```
import java.util.Iterator;
```

```
public class VoteIterator implements Iterator<Integer> {
```

```
    public VoteIterator(Integer[] votes) {
```

```
    }
```

```
public boolean hasNext() {
```

}

```
public Integer next() {
```

}

```
public void remove() {
```

}

}