Class Board

Method Detail

safe

```java
public boolean safe(int row, int col)
```

Returns `true` if it is safe to place a queen at position `(row, col)`.

**Parameters:**
- `row` - row of position to check.
- `col` - column of position to check.

**Returns:**
- `true` if it is safe to place a queen at position `(row, col)`.

**Throws:**
- `IllegalArgumentException` - if `row` and `col` do not represent a legal board position.

place

```java
public void place(int row, int col)
```

Places a queen at position `(row, col)`.

**Parameters:**
- `row` - row of position to check.
- `col` - column of position to check.

**Throws:**
- `IllegalArgumentException` - if it is not safe to place a queen at the given position.

remove

```java
public void remove(int row, int col)
```

Removes the queen at position `(row, col)`.

**Parameters:**
- `row` - row of position to check.
- `col` - column of position to check.

**Throws:**
- `IllegalArgumentException` - if there is no queen at the given position.