```java
package csp.constraints;

import java.util.Arrays;
import java.util.List;

import TGGLanguage.csp.Variable;
import TGGLanguage.csp.impl.ConstraintImpl;

public class IndexToLevel extends ConstraintImpl {

	private List<String> levels = Arrays.asList(new String[] { "beginner",
			"advanced", "master" });

	@Override
	public void solve() {

		Variable var_index = getVariables().get(0);
		Variable var_level = getVariables().get(1);

		String bindingStates = getBindingStates();

		if (bindingStates.equals("BB")) {
			int index = convertIndex();
			String level = var_level.stringValue();
			setValid(levels.get(index).equals(level));
		} else if (bindingStates.equals("FB")) {
			String level = var_level.stringValue();
			int index = levels.indexOf(level);
			if (index == -1) {
				setValid(false);
			} else {
				var_index.setValue(index);
				var_index.setBound(true);
				setValid(true);
			}
		} else if (bindingStates.equals("BF")) {
			int index = convertIndex();
			if (index < 0 || index > 2) {
				setValid(false);
			} else {
				var_level.setValue(levels.get(index));
				var_level.setBound(true);
				setValid(true);
			}
		}
	}

	private int convertIndex() {
		return new Double(getVariables().get(0).stringValue()).intValue();
	}

}
```