

```
procedure(int** index, int** count) {
```

```
  if (**index >= **count) {
    true_model();
  } else {
    false_model();
  }
}
```

```
<model>
```

```
  <part name="comparison" channel="inline" abstraction="operation" model="compare">
    <property name="operand_1" channel="inline" abstraction="knowledge" model="domain.index"/>
    <property name="operand_2" channel="inline" abstraction="knowledge" model="domain.count"/>
    <property name="operator" channel="inline" abstraction="string" model="greater_or_equal"/>
    <property name="result" channel="inline" abstraction="knowledge" model="domain.flag"/>
  </part>
```

```
</model>
```

```
<model>
```

```
  <part name="if-then-example" channel="inline" abstraction="operation" model="branch">
    <property name="criterion" channel="inline" abstraction="knowledge" model="domain.flag"/>
    <property name="true" channel="inline" abstraction="knowledge" model="domain.true_model"/>
    <property name="false" channel="inline" abstraction="knowledge" model="domain.false_model"/>
  </part>
```

```
</model>
```

```
procedure(int** index, int** count, int** flag) {
```

```
  if (**index >= **count) {
    **flag = 1;
  }

  if (**flag) {
    true_model();
  } else {
    false_model();
  }
}
```

