

```

procedure(int** index, int** count) {
    if (**index >= **count) {
        true_model();
    } else {
        false_model();
    }
}

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

```