**Use case:** While Statement

**Primary actor:** computer

**Goal in context:** statement line below the while statement continually executed until while the expression is true

**Preconditions:** code has been parsed successfully.

**Post Condition:** expression is false and statement is skipped.

**Trigger:** computer encounterstoken that is a WHILE statement and event is triggered.

**Scenario:**

|  |  |
| --- | --- |
|  | 1. All tokens following the while token and before the DO token are considered part of the relational expression. These token are passed as a container of strings to the relational expression method. |
|  | 1. If than relation expression is true than the statement below the while . do is executed. If condition is false do to step 4. |
|  | 1. Steps 1 and 2 are continued. |
|  | 1. Statement below while .. do is not executed. |

**Exceptions:**

2. If relational expression divides by error than computer displays message. Run time error” divide by zero line #”

**Priority:**

**When available:**

**Frequency of use:**

**Channel to actor:**

**Secondary actors:**

**Channels to secondary actors:**

**Open issues:**

1.