CreateBase

INTRODUCTION TO *FLOW* BLOCKS

WHILE BLOCK

The WHILE block runs DO (Action 1) while the input condition is TRUE. It will continue repeating this code forever until the input condition becomes FALSE. Only when the condition is FALSE will it continue to THEN (Action 2).

If the condition is FALSE to begin with, then Action 1 is never run. If the condition is TRUE to begin with, but never changes, then Action 1 will be repeated infinitely. This means that the condition must switch to FALSE or the code will never stop running!

In this example, how many times will the code run Action 1?

```
3  >  4

Start → While → Do → Action 1 — END
              → Then → Action 2 — END
```