Programming: TWAIT

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The 'TWAIT' command pauses program execution until motion is complete. Instead of using 'TWAIT', a routine could be written
that does much more. To start with, the following code example would perform the same function as 'TWAIT':

```
WHILE Bt        'While trajectory
LOOP            'Loop back
```

Alternatively, the above routine could be augmented with code that took specific action in the event of an index signal as is shown
in the following example:

```
WHILE Bt        'While trajectory
 IF Bi          'Check index
   GOSUB500     'take care of it
 ENDIF          'end checking
LOOP            'Loop back
```