

input port 10 is 1, or both. As before, the values of all bits set to 1 in the mask are ignored.

Although normal execution stops during a WAIT, ENABLED interrupts (see Section 10 below) remain active, and special characters such as <control-C> and <control-S> have their usual effect.

Example:

Emil Post works (sometimes) at the Do It Later Corporation. He wants his 8080 to warn him when his boss arrives, which trips a switch on one of five doors. The switches are connected to bits 0-4 of input port 5, and go high (i.e. become 1) when a door opens. Emil uses the following program:

```
NEW
OK
10 WAIT 5,&111111,&111100000,$
20 PRINT "WAKE UP! HERE HE COMES!"
```

Line 10 WAITs until port 5 has a 1 on any of bits 0-4. The mask indicates that bits 5-7 are ignored, and the \$ option indicates that the WAIT ends when ANY of the doors are opened. Notice how simple it is to specify values and masks by using binary literals.