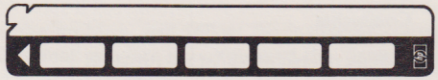
To Record Your Program.

1. Select a blank, unprotected (unclipped) magnetic card.



unprotected

2. Switch to W/PRGM mode.
3. Pass the card through the right lower slot exactly as you did when entering a prerecorded program.

Your program is now recorded on the magnetic card. Be sure and mark the card so you don't forget what the program does. The finished card might look like this when you are through:

protected

And that's all there is to it! Of course, this is only a simple program written in the most convenient way possible. For a more complete picture of programming, you'll want to read section 4.

Onward

If you are a beginner, you will appreciate the step-by-step explanations in this handbook. But even if you are an old hand at using calculators, you can minimize the time you spend calculating by following the procedures presented throughout. For those of you who are familiar with Hewlett-Packard pocket calculators, you may want to skip directly to the programming section and cover the remaining material at your leisure.

If the manual does not answer all your questions, contact your nearest HP Sales and Service Office, or, if you are in the U.S. dial (408) 996-0100 and ask for Customer Service. We want you to be completely satisfied with your HP-65.

Section 1

How To Get Started

Power On

Your HP-65 calculator is shipped fully assembled and is ready to operate after making a few simple checks. If you have just received your calculator, please be sure that you have all of the standard accessories and that the calculator's battery pack has been charged. *(Refer to appendix A.)* If the battery pack is already charged or if you plan to run the calculator from the charger, here's how to get started:

- Set the W/PRGM-RUN switch to RUN.
- Set the power switch to ON.

You should now see displayed 0.00; if not, please turn to appendix C.

Initial Display

Basically, numbers are stored and manipulated internally in the machine in "registers." Each number, no matter how simple (i.e., 0, 1, or 5) or how complex (i.e., 3.141592654, −23.28362, or $2.87148907 \times 10^{27}$) occupies one entire register. Whenever you switch the calculator ON with the W/PRGM-RUN switch set to RUN, the display shows 0.00. This represents the contents of the display, or X-register. Every number keyed into the calculator goes first to the X-register, which is the only visible register. Similarly, you must bring every computed result to the X-register before it can be viewed.