

Names: _____ / _____ / _____

CHAPTER 9

Elementary Programming with LOGO

The purpose of this chapter is to learn how to create, edit, store, and run a program in LOGO.

There are two programming terms we will use, procedure or program. A program is a list of commands for constructing our desired picture. You wrote several in chapter 8. A procedure is a custom built command (just a program really), usually requiring some numerical input, for doing some particular task, which we expect to incorporate into our programs. For example, we will want our name on all our pictures. Try typing the “command” **myname 100 100** into the commander window. What happened?

LOGO has not been instructed in how to execute the command “myname”. So let's write a procedure called “myname” that instructs the LOGO to place our name wherever we want it on the screen.

In the text Commander window enter the following command
edit “myname

An editor window will come up with the first line already entered as
TO MYNAME

Add the variable inputs to the myname procedure as **:x :y** and continue as below:

```
TO MYNAME :X :Y  
SETXY :X :Y  
LABEL "put_your_name_without_spacehere  
END
```

The colon in front of X and Y indicates these are variable notations. Now when you use the command MYNAME logo will expect two numbers to be given in order with space between and will use these numbers for :X and :Y wherever they appear in the procedure.

