

Hello World!

Speaking of “Hello, World!”, this is a version we often use to illustrate the fundamental concepts of sequence, conditional statements, and looping. This is what we tell the students to type in:

To run:

Start up.

Clear the screen.

Use medium letters. Use the fat pen.

Pick a really dark color.

Loop.

Start in the center of the screen.

Turn left 1/32 of the way.

Turn right. Move 2 inches. Turn left.

Write “HELLO WORLD”.

Refresh the screen.

Lighten the current color about 20 percent.

Add 1 to a count. If the count is 32, break.

Repeat.

Wait for the escape key.

Shut down.

And this is what they see on the screen when they run their programs (using the Run command, which is conveniently and intuitively located under the “R” menu):

