

Run the program! The output looks something like this:

```
What is your name?dan
What is your favorite color?brown
dan's favorite color is brown
```

In Windows XP, you have to run the command by using the following line:

```
.\color
```

The reason is that COLOR is a valid console command in Windows XP, used to change the foreground and background color of the console window.

## *Experimentation time!*

Which is more important: the order of the `%s` doodads or the order of the variables — the arguments — in a `printf` statement? Give up? I'm not going to tell you the answer. You have to figure it out for yourself.

Make the following modification to Line 12 in the COLOR.C program:

```
printf("%s's favorite color is %s\n",color,name);
```

The order of the variables here is reversed: `color` comes first and then `name`. Save this change to disk and recompile. The program still runs, but the output is different because you changed the variable order. You may see something like this:

```
brown's favorite color is Dan.
```

See? Computers *are* stupid! The point here is that you must remember the order of the variables when you have more than one listed in a `printf()` function. The `%s` thingies? They're just fill-in-the-blanks.

How about making this change:

```
printf("%s's favorite color is %s\n",name,name);
```

This modification uses the `name` variable twice — perfectly allowable. All `printf()` needs are two string variables to match the two `%s` signs in its formatting string. Save this change and recompile. Run the program and examine the output:

```
Dan's favorite color is Dan
```