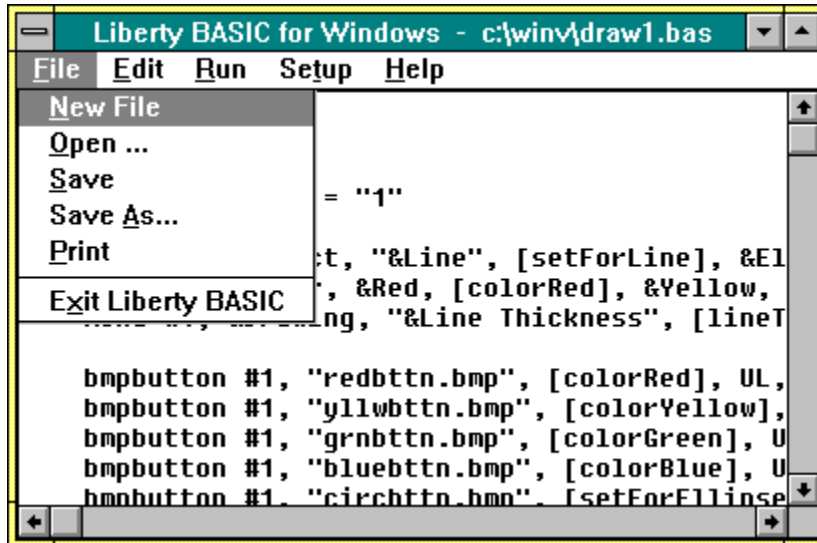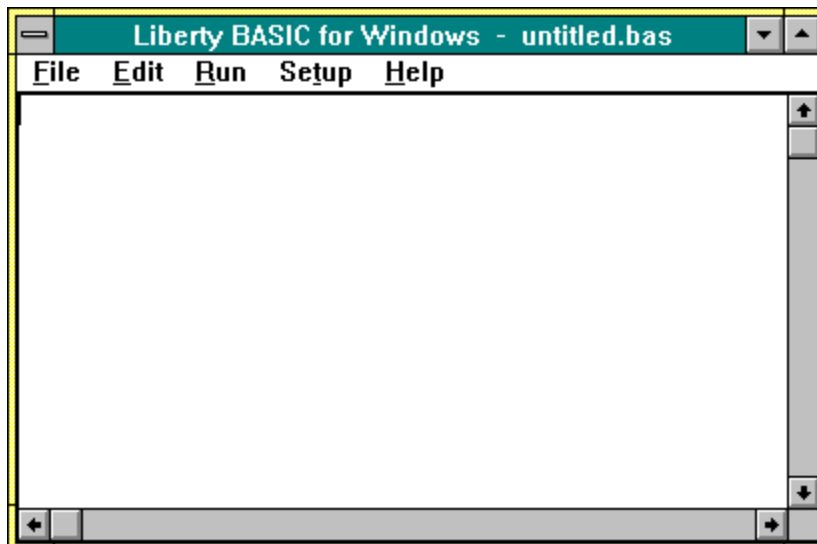# Writing your own programs:

Let's write a short BASIC program.   Pull down the File menu and select New File.

```
Liberty BASIC for Windows  -  c:\winv\draw1.bas
File   Edit   Run   Setup   Help
New File
Open ...
Save                    = "1"
Save As...
Print                   :t, "&Line", [setForLine], &El
                        , &Red, [colorRed], &Yellow,
Exit Liberty BASIC      ng, "&Line Thickness", [lineT

    bmpbutton #1, "redbttn.bmp", [colorRed], UL,
    bmpbutton #1, "yllwbttn.bmp", [colorYellow],
    bmpbutton #1, "grnbttn.bmp", [colorGreen], U
    bmpbutton #1, "bluebttn.bmp", [colorBlue], U
    bmpbutton #1, "circbttn.bmp", [setForEllipse
```

If you are ask if you want to save changes, click on No.   Now you will see this:

```
Liberty BASIC for Windows  -  untitled.bas
File   Edit   Run   Setup   Help
```
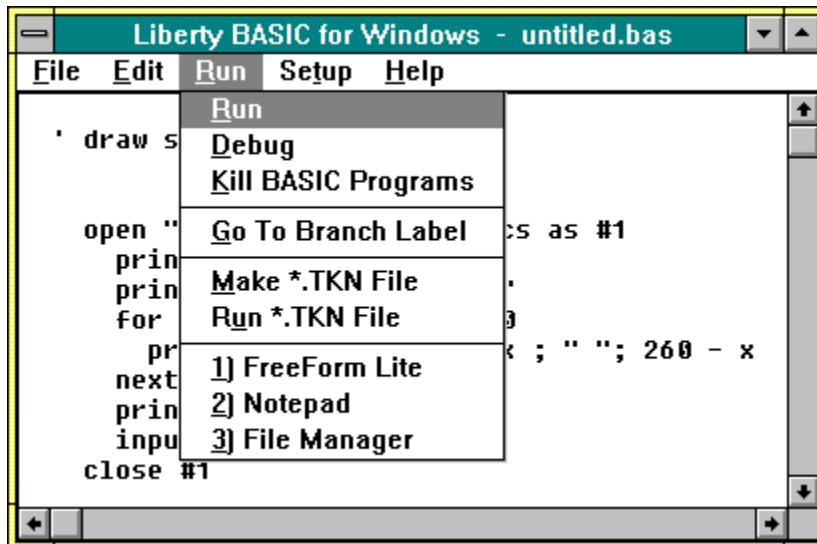
Now let's type a short program into our editor window.   Type carefully.

```
' draw some ellipses

open "Ellipses" for graphics as #1
  print #1, "down"
  print #1, "place 130 130"
  for x = 30 to 230 step 10
    print #1, "ellipse "; x ; " "; 260 - x
  next x
  print #1, "flush"
```

```
        input r$
      close #1
```

Now pull down the Run menu and select Run, as shown.

The program will run as seen below.   Now close both of the new windows.