Instructions for using REDUCE within a dos emulator on Athena. The procedure will be similar if you use a dos emulator (dosemu, dosbox) on your own PC or even on your smartphone.

Open a terminal and create a folder called reduce by typing the following at the command prompt ($):

$mkdir reduce

Now move the downloaded file supp1338.zip into the reduce folder:

$mv supp1338.zip reduce/

Now change into the reduce directory and unzip the zip file:

$cd reduce
$unzip supp1338.zip

Now start dosemu:

$dosemu

The dosemu window will open up and some text will be displayed showing where your home directory was mounted for use with the emulator. In my case it was the D: drive. To switch to that drive type D: at the C:\> command prompt inside the dos box:

C:\> D:

Now your command prompt should look like:

D:\>

At this new command prompt type dir and you should see a listing of your Athena home directory contents including the reduce directory. Switch into the latter by typing:

D:\> cd reduce

Now, by typing "reduce.exe" at the D:\> command prompt the reduce program should open up and you are ready to use it.