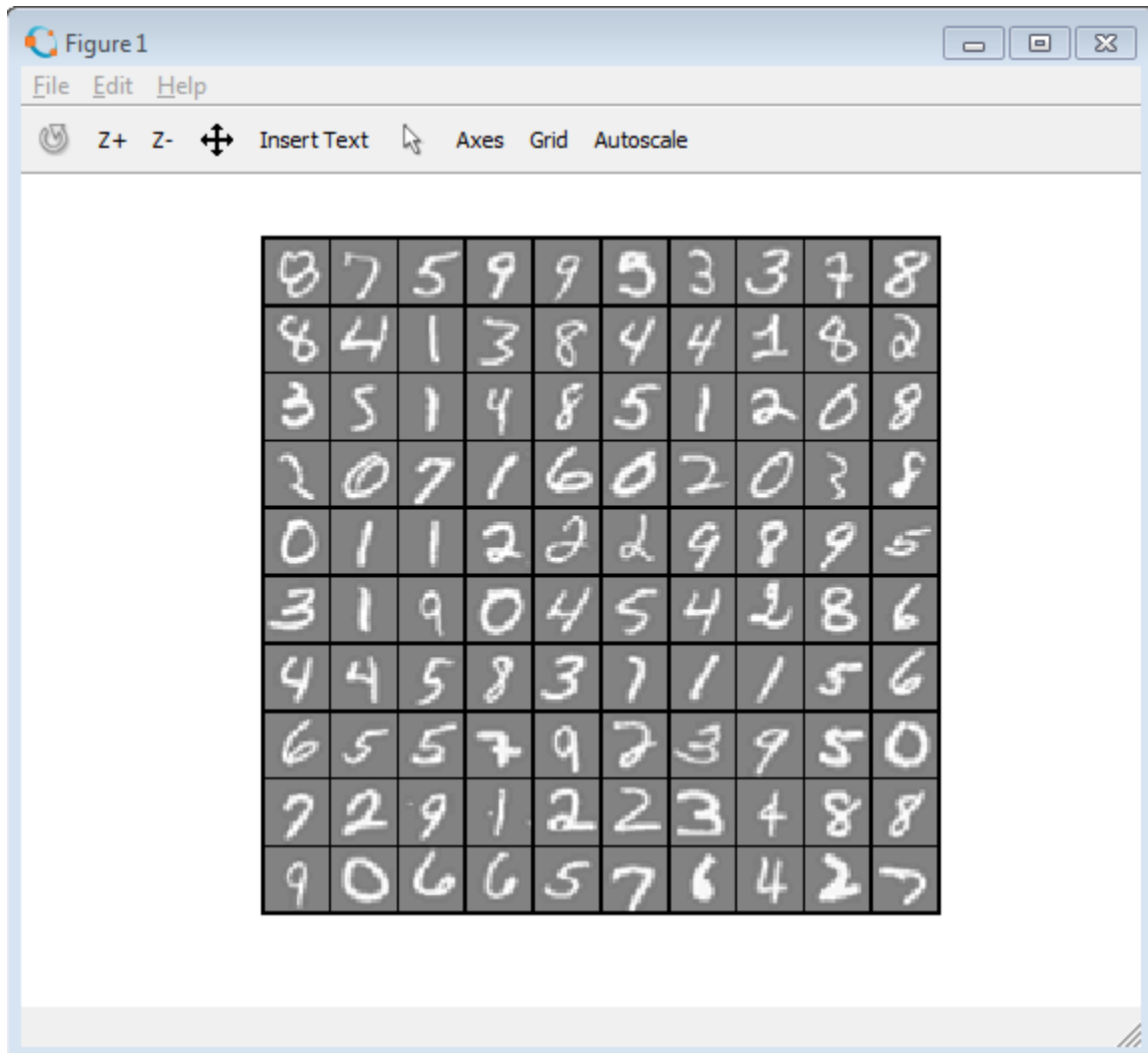


1- Visualizing some of our randomly selected data:



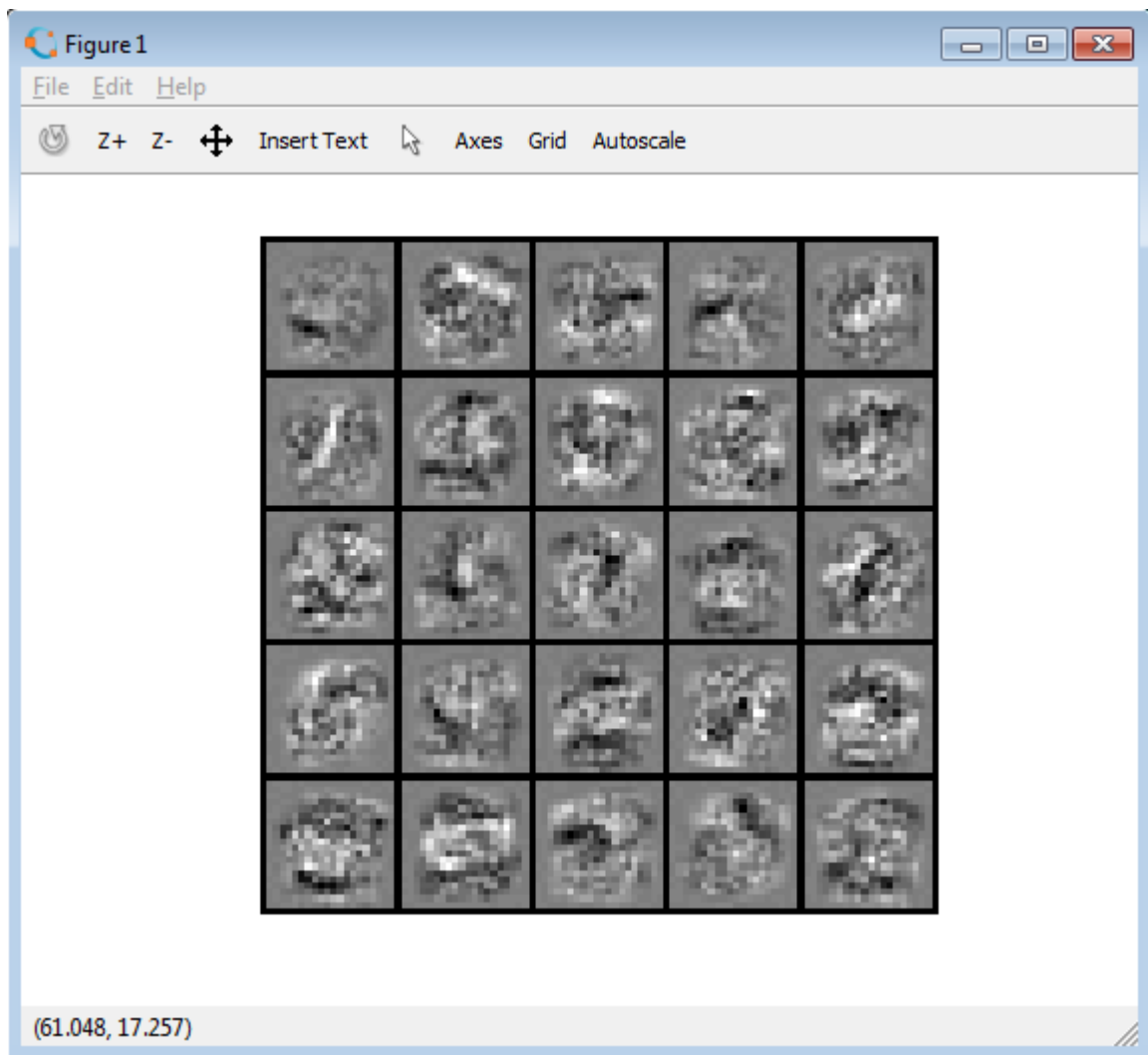
2- Training the Neural Network (in progress ...)

```
Training Neural Network...  
Iteration    72 | Cost: 4.080275e-001
```

3- Training the Neural Network (final iteration, i. e. 500 in this case)

```
Training Neural Network...  
Iteration    500 | Cost: 3.147578e-001  
Program paused. Press enter to continue.  
|
```

4- Visualizing the hidden layer



5- Testing the code using some images (you can use the code Test.m in order to duplicate what I have done here)

