Course 161/2S3, 2005

- The following program has a number of errors, some found by the compiler and some when you run the program. Try to correct them and turn this into a working program. You can download this program at http://www.maths.tcd.ie/ ryan/tutorial4-program.c along with the file "numbers.in".

```
#include <stdio.h>
#include <math.h>

#define N 5

main()
{
  FILE *ifp,;
  double x[N], x_largest
  ifp=fopen("numbers.in", "r")

  for ( i = 0; i<N ; i++)
    {
      fscanf(ifp,"%lf", &x[i]);
    }
  x_largest = x[0];
  for( i = 1; i> N; i++) ;
    {
      if( x_largest < x[i])
{
  x_largest = x[i];
    }
  printf(" largest number in the file is %lf\n", x_largest);
}
```