time_subset

This code creates a time subset of the SPX files.   For example, if the data in the SPX files ranges from time = 0 to 10, you can create SPX files with a subset of those times.   For example, a subset with data ranging from time = 7 to 8 can be created.

Build Instructions

To build using g++

```
g++  time_subset.cpp  MfixData.cpp  -o  time_subset.exe
```

Usage

```
./time_subset.exe

Enter run name (without the .RES) > PROPTEST
Enter first time to keep in the data set > 0.25
Enter last  time to keep in the data set > 0.75


The above assumes MFIX file names of:

    PROPTEST.RES
    PROPTEST.SP1
    PROPTEST.SP2
       etc.


The file names created are:

    PROPTEST_SUBSET.RES
         etc.
```

The post processing codes need the RES file, so you will need to create a RES file for the SUBSET files.   In this example:

```
    cp PROPTEST.RES PROPTEST_SUBSET.RES
```