Compile the file **TimesTwo.cpp** using the Matlab compiling. Then test the .dll file **TimesTwo.dll**
follow these steps:

1) In Matlab set the Current Directory to the one where the file **TimesTwo.cpp** is saved.

2) Run `mex -setup` as seen here:

```
>> mex -setup
Please choose your compiler for building external interface (MEX)
files:

Would you like mex to locate installed compilers [y]/n? y

Select a compiler:
[1] Digital Visual Fortran version 6.0 in C:\Program Files\Microsoft
Visual Studio
[2] Lcc C version 2.4 in C:\MATLAB7\sys\lcc
[3] Microsoft Visual C/C++ version 6.0 in C:\Program Files\Microsoft
Visual Studio

[0] None

Compiler: 3

Please verify your choices:

Compiler: Microsoft Visual C/C++ 6.0
Location: C:\Program Files\Microsoft Visual Studio

Are these correct?([y]/n): y

Try to update options file: C:\Documents and Settings\TEMP\Application
Data\MathWorks\MATLAB\R14\mexopts.bat
From template:            C:\MATLAB7\BIN\WIN32\mexopts\msvc60opts.bat

Done . . .
```

3) Compile **TimesTwo.cpp** as seen here:

```
>> mex TimesTwo.cpp
```

4) Test the function as seen here:

```
>> TimesTwo(5)

ans =

    10

>>
```