ctypes

The following imports ctypes interface for Python

```
In [2]: import ctypes
```

Now we can import our shared library

```
In [3]: _libInC = ctypes.CDLL('./libMyLib.so')
```

Let's calll our C function, myAdd(a, b).

```
In [5]: _libInC.mymult(3, 5)
```

Out[5]: 15

This is cumbersome to write, so let's wrap this C function in a Python function for ease of use.

```
In [6]: def addC(a,b):
            return _libInC.mymult(a,b)
```

Usage example:

```
In [7]: addC(10, 202)
```

Out[7]: 2020

Multiply

Following the code for your add function, write a Python wrapper function to call your C multiply code

```
In [11]: import ctypes
```

```
In [12]: _libInC = ctypes.CDLL('./libMyLib.so')
```

```
In [13]: _libInC.mymult(3, 5)
```

Out[13]: 15

```
In [14]: def addC(a,b):
             return _libInC.mymult(a,b)
```

In [15]:
```python
addC(10, 202)
```

Out[15]: 2020

In [ ]: