```
In [1]:  import numpy as np

         from pandas import Series,DataFrame

         import pandas as pd
```

```
In [6]:  #Let's learn/review about Index Objects
         my_ser = Series([1,2,3,4],index=['A','B','C','D'])

         #Get the index
         my_index = my_ser.index
```

```
In [5]:  #Show
         my_index
```

```
Out[5]:  Index([u'a', u'b', u'c', u'd'], dtype='object')
```

```
In [7]:  #Can grab index ranges
         my_index[2:]
```

```
Out[7]:  Index([u'C', u'D'], dtype='object')
```

```
In [8]:  #What happens if we try to change an index value?
         my_index[0] = 'Z'
```

```
         ---------------------------------------------------------------------------
         TypeError                                 Traceback (most recent call last)
         <ipython-input-8-599f591f1af8> in <module>()
               1 #What happens if we try to change an index value?
         ----> 2 my_index[0] = 'Z'

         C:\Users\Marcial\Anaconda\lib\site-packages\pandas\core\index.pyc in __setitem_
         _(self, key, value)
             894
             895     def __setitem__(self, key, value):
         --> 896         raise TypeError("Indexes does not support mutable operations")
             897
             898     def __getitem__(self, key):

         TypeError: Indexes does not support mutable operations
```

```
In [9]:  #Excellent! Indexes are immutable!
```

```
In [ ]:  #Next we'll learn about Reindexing.
```