

Load -> If -> For loop

December 4, 2018

```
In [25]: import h5py as h5
import numpy as np
```

```
In [38]: cookies = np.random.randint(99, size=27)
pies = np.random.randint(5)
print(cookies)
```

```
with h5.File('desserts.h5', 'w') as hdf:
    hdf.create_dataset('cookies', data=cookies)
    hdf.create_dataset('pies', data=pies)
```

```
[77 24 16 68 58 31 91 69 39 69 10 49 64 88 95 41 11 82 67  2 32 94 18 42
 32 35 16]
```

```
In [40]: c = []
with h5.File('desserts.h5', 'r') as hdf:
    cookies = hdf.get('cookies') #retriving cookies dataset, want to covert hdf5 file
    c = np.array(cookies)
    print(c)
```

```
[77 24 16 68 58 31 91 69 39 69 10 49 64 88 95 41 11 82 67  2 32 94 18 42
 32 35 16]
```

```
In [44]: for i in c:
    if int(i) % 2 == 0:
        print('even')
    else:
        print('odd')
```

```
odd
even
even
even
even
odd
```

odd
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