

# JakeDineen\_7.3.3

August 22, 2018

```
In [1]: 15
```

```
Out[1]: 15
```

```
In [2]: 0xFF
```

```
Out[2]: 255
```

```
In [3]: 0x7F
```

```
Out[3]: 127
```

```
In [4]: '\u0394'
```

```
Out[4]: ''
```

```
In [5]: "\U00000394"
```

```
Out[5]: ''
```

```
In [6]: "\N{GREEK CAPITAL LETTER DELTA}"
```

```
Out[6]: ''
```

```
In [7]: b'\xFFab'
```

```
Out[7]: b'\xffab'
```

```
In [8]: type(b'ab')
```

```
Out[8]: bytes
```

```
In [9]: type(b'\xFFab')
```

```
Out[9]: bytes
```

```
In [10]: len(b'\xFFab')
```

```
Out[10]: 3
```

```
In [14]: u=chr(40960) + 'abcd' + chr(1972)
        print(type(u))
        u
```

```
<class 'str'>
```

```
Out[14]: 'abcd\u07b4'
```

```
In [15]: u.encode('ascii','ignore')
```

```
Out[15]: b'abcd'
```

```
In [16]: u.encode('ascii','replace')
```

```
Out[16]: b'?abcd?'
```

```
In [17]: u.encode('ascii', 'xmlcharrefreplace')
```

```
Out[17]: b'&#40960;abcd&#1972;'
```

```
In [18]: u.encode('ascii', 'backslashreplace')
```

```
Out[18]: b'\\ua000abcd\\u07b4'
```