

Sathish_Kumar_Rajendiran_Week7_7.3_Unicode

August 12, 2020

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Task: Week7: 7.3 Unicode Date: 8/12/2020

```
[21]: #create a function to return x values
def unicodefn(x):
    print('value of x is :', x)
```

```
[22]: unicodefn(15)
unicodefn(0xFF)
unicodefn(0x7F)
unicodefn('\u0394')
unicodefn("\U00000394")
unicodefn("\N{GREEK CAPITAL LETTER DELTA}")
unicodefn(b'\xFFab')
unicodefn(type(b'ab'))
unicodefn(type(b'\xFFab'))
```

```
value of x is : 15
value of x is : 255
value of x is : 127
value of x is : Δ
value of x is : Δ
value of x is : Δ
value of x is : b'\xffab'
value of x is : <class 'bytes'>
value of x is : <class 'bytes'>
```

```
[23]: u=chr(40960) + 'abcd' + chr(1972)

unicodefn(type(u))

unicodefn(u)

print(u)
```

```
value of x is : <class 'str'>
value of x is : abcd
```

abcd

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

```
[24]: b'?abcd?'
```

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

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

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

```
[26]: b'\\ua000abcd\\u07b4'
```