

Python struct module

- module provides a list of method which performs conversions between Python values C objects
- it can be very usefully employed in constructing protocols
- it uses format strings as compact descriptions of the layout data
 - similar to printf and friends in C

Python struct module

- read the [documentation](http://docs.python.org/library/struct.html) (`http://docs.python.org/library/struct.html`) and write a small program to print your username in with 20 characters

- your program should output

```
01234567890123456789  
<fred                >
```

- you might wish to start with this program and adapt it:



```
#!/usr/bin/python
```

```
import struct  
import getpass
```

```
print " 01234567890123456789"  
print "<",  
username = getpass.getuser()  
print username,  
print ">",
```

Write a Python program to output your UID as two bytes in network order

- again you might wish to adapt this program:

```
#!/usr/bin/python

import struct
import os

print os.getuid()
```