

python_pack_demo_2

Documentation:

<https://docs.python.org/3/library/struct.html>

in python:

```
>>> import struct
```

```
>>> struct.pack('>h', 1)
```

```
'\x00\x01'
```

```
    # This is big-endian
```

```
    # 'h' indicates 16 bits (2 bytes)
```

```
    # 16 bits is 4 Hexdigits because each Hexdigit is 4 bits.
```

```
>>> struct.pack('<h', 1)
```

```
'\x01\x00'
```

```
    # This is little-endian (first and second bytes are swapped)
```

```
>>> struct.pack('h', 1)
```

```
'\x01\x00'
```

```
    # This is native (depends on computer platform)
```

```
>>> struct.pack('>hhhhh', 1, 2, 3, 4, 5)
```

```
'\x00\x01\x00\x02\x00\x03\x00\x04\x00\x05'
```

```
    # This is big-endian
```

```
>>> struct.pack('>'+5*'h', 1, 2, 3, 4, 5)
```

```
'\x00\x01\x00\x02\x00\x03\x00\x04\x00\x05'
```

```
    # '>'+5*'h' is the same as '>hhhhh'
```

```
>>> struct.pack('<hhhhh', 1, 2, 3, 4, 5)
```

```
'\x01\x00\x02\x00\x03\x00\x04\x00\x05\x00'
```

```
    # This is little-endian
```