struct package

This module performs conversions between Python values and C structs represented as Python bytes objects. This can be used in handling binary data from network connections.

```
In [1]: import struct
```

struct.pack(fmt, v1, v2, ...)

Return a bytes object containing the values v1, v2, ... packed according to the format string fmt. The arguments must match the values required by the format exactly.

- "!" means network endianess (big endian)
- "<" means little endian
- ">" means big endian
- "=" means native
- "h" measn short integer (2 bytes)

```
In [2]: x = 256
    print("Network endianess")
    print(struct.pack('!h', x))

print("Little endian")
    print(struct.pack('<h', x))

print("Big endian")
    print(struct.pack('>h', x))

print("Native endianess")
    print(struct.pack('=h', x))
```

Network endianess b'\x01\x00' Little endian b'\x00\x01' Big endian b'\x01\x00' Native endianess b'\x00\x01'

struct.unpack(fmt, buffer)

Unpack from the buffer (presumably packed by pack(fmt, ...)) according to the format string fmt. The result is a tuple even if it contains exactly one item. The buffer's size in bytes must match the size required by the format.