i)

```
ARP PACKET 1:
hardware type: b'0001'
protocol type: b'0800'
hardware size: b'06'
protocol size: b'04'
opcode: b'0001'
sender MAC address: e8:cc:18:e4:a1:05
sender IP address: 192.168.1.1
target MAC address: 00:00:00:00:00:00
target IP address: 192.168.1.7

ARP PACKET 2:
hardware type: b'0001'
protocol type: b'0800'
hardware size: b'06'
protocol size: b'04'
opcode: b'0002'
sender MAC address: 3c:a6:f6:59:b4:95
sender IP address: 192.168.1.7
target MAC address: e8:cc:18:e4:a1:05
target IP address: 192.168.1.1
```

ii)

The IP address of my router is 192.168.1.7, and the MAC address of my router is 3c:a6:f6:59:b5:95. I can tell this because my computer first sends an ARP packet to my router, of which it knows the IP address but not the MAC address. The router receives the ARP packet and responds with a packet that has it's MAC address included.