```
1
    import struct
2
3
    # UDP Checksum Function
4
5 def checksum_func(data):
       checksum = 0
7
        data len = len(data)
8
9
        # Appends 0's to the end of data and adjusts data len
10
        if (data len % 2):
11
            data len += 1
12
            data += struct.pack('!B', 0)
13
14
        # Compute the sum
15
        for i in range(0, data_len, 2):
16
            w = (data[i] << 8) + (data[i + 1])
17
            checksum += w
18
19
        # Wrap around bit
20
        checksum = (checksum >> 16) + (checksum & 0xFFFF)
21
22
        # Complement the result
23
        checksum = ~checksum & OxFFFF
24
        return checksum
25
26
27 # Main Function
28 if __name__ == '__main ':
29
        # Example 1
30
        msg = bytes("Hello".encode('utf-8'))
31
        answer = checksum func(msg)
32
        print(answer)
33
34
        # Example 2
35
        msq = bytes(1234)
36
        answer = checksum_func(msg)
37
        print(answer)
38
```