Homework3

1.十进制转换为二进制

2.二进制转换为十进制

```
11010 = (26)_{10}
110 = (6)_{10}
11.101 = (3.625)_{10}
0.1011 = (0.6875)_{10}
111.11 = (7.75)_{10}
111111 = (63)_{10}
```

3.二进制转八、十六进制及反之

```
(101110101)_2 = (565)_8 = (175)_{16}
(1101100.11)_2 = (154.6)_8 = (6C.C)_{16}
(3756)_8 = (11111101110)_2
(415.213)_8 = (100001101.010001011)_2
(C6F02)_{16} = (11000110111100000010)_2
(5AB.4D9E)_{16} = (010110101011.0100110110011110)_2
```

4.Unicode编号

```
>>> '概'.encode('utf-8')
b'\xe6\xa6\x82'
>>> '论'.encode('utf-8')
b'\xe8\xae\xba'
```