File Formats (Character Encoding XML)

Code Space ON LOFFFF for Unicode, ON 7F for ASCII Code Point a value of a character in code space e.g. 'X' = U + 0058 (hex)Code Unit 8-bit for UTF-8, 16 bit for UTF-16. * UTF. Unicode Transformation Format Code Space > Code Point > Code Unit In UTF8, In4个code units = 1 code point flp 1×8bit ~ 4×8bit In UTF16, 1~2 T code units = 1 code point 那 1×16bit ~ 2×16bit PPT 15 mJ fr 1 code unit = 1 byte. · U+0000到U+007F 只需 1 byte 部 1 code with format: 0xxx xxxx 7介有数bit +5 bit · U+0080到U+07FF 常 2 byte 即2 code unit Format: 110x xxxx 10xx xxxx 11个有效 bit +5bit · U+0800到U+FFFF 需 3 byte \$P3 code unit 16个有效 bit Format: 1110 XXXX 10XX XXXX 10XX XXXX U+10000到U+10FFF 第 4 byte 部 4 code unit 21 个有效 bit

考题: '€' U+2208

Syntox of JSDN



Python -> JSON

```
LIST -> JSON
   [1,2]
                             [1,2]
    [3, 'abc', True, None ] [3, "abc", true, null ]
tuple -> JSON
                            [1, "abc"]
   (1, 'abc')
dict > JSON
   { 'name': 'John', 25: 'age' } ["name": "john", '25": "age"]
object -> JSON
   [ foo', { bar : ('baz', None, 1.0, 2)}]
                           ["for", ["bar": ["baz", null, 1.0, 2]]]
  {(1,2):5}
                           Error
   f(2):5}
                          ["2": 5]
```