

char a = 'A'; → char a = 'A' = 1 Byte  
 → 2 Bytes (circled)  
 65 A  
 97 a  
 2 Bytes

→ UTF  
 ↓  
 65536  
 16 = 65536  
 2 = 2 x 8  
 16 → 2 Bytes

A 00  
 B 01  
 C 10  
 D 111111  
 8 bits = 1 Byte

A a @  
 7 2 0 9  
 8 bits = 1 Byte

65536 @  
 0  
 1 65 A - 65  
 2 97 a - 97  
 3 128  
 16 0000 0000  
 1 Byte

A char a = 'A';  
 →  
 →

char = '0';

2 Bytes  
 65536

char dec  
 A =  
 2 =  
 a =  
 0

A char a = 65;

2 Bytes = 1 Byte = 8 bits

A 00  
 B 01  
 C 10  
 D 11