

## Lab 2 Clarification

In the hinted encoding, **a** shall be represented as **10000**, **b** as **20000**, not **1** and **2** for **a** and **b**, correspondingly. **Ab** as **10200**, **Ba** as **20100**, not as **102** and **201**.

Otherwise, **b** (as **2**) will be less then **Ab** (as **102**). But **b** must greater than **Ab**, according to string comparison rules.

So, you need to pad with additional pair of zeros, as needed

**A 01 00 00**

**B 02 00 00**

..

**Aa 01 01 00**

**Ab 01 02 00**

..

**Aaa 01 01 01**

**Abc 01 02 03**

..

**Zzz 26 26 26**

I included spaces inside the numbers just for clarification. The actual encoding is without spaces, for example, **zzz** is encoded as **262626**

And remember, the maximum number of characters in one word is 3.