**Quiz 2/27**

**Q)**

1. **Represent 202810 in base58**
2. **Why does address has 1 as the first character always?**

**A)**

| 58 | 2028 | - | 56 |
| --- | --- | --- | --- |
| 58 | 34 | - | 34 ↑ |
|  | :  0 |  |  |
|  |  |  |

Looking at the base58 table

56 is y

34 is b

**202810** is represented as **“by”** in base58

Base58Check encoding is used to code Bitcoin addresses. It starts with a version byte that tells what kind of address it is and which network it belongs to. In Bitcoin, a standard public key hash address has a version byte of 0x00, which is the Base58 character "1." This rule was chosen because it is simple and easy to understand. Since then, it has become a standard in other cryptocurrencies and blockchain networks.