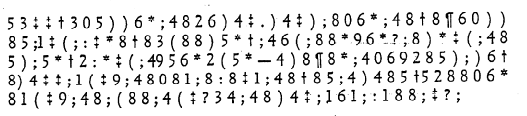
1. **Decrypt the following cipher test that was produce by playfair cipher if you know the key used was " Galois" .**

**DLFDSDNDIHBDDTNTUEBLUOIMCVBSERULYO**

1. **Encipher or decipher the following texts using a vigenere cipher** 
   1. **Keep trying ( key: "key")**
   2. **Isskvckwkkvrcxsnild ( key: "key")**
2. **The following cipher text was encrypted by a substitution algorithm, decrypt the text to get the original message**



Using the frequency table given in the lecture , can you figure out what it says? ***Warning:*** The resulting message may not make much sense on a first reading. It has a history.

* **How many keys the Playfair cipher have?**
* **How many unique keys does the Playfair cipher have?**