

**Dupla:** Germano Andersson (137719) e Paola Macalão (180168)

## **Quarto Desafio**

### **Texto Claro:**

banana is the common name used for herbaceous cultigenc plants in the genus musa and is also the name given the fruit of these plants banana plants are cultivated primarily for their fruit and for the production of fiber and as ornamental plants they are native to tropical southeastern asia but are widely cultivated in tropical regions because of their size and structure banana plants are often mistaken for trees the banana fruit grow in hanging clusters with up to twenty fruit to a tier and three to twenty tiers to a bunch each individual banana has a protective outer layer with a fleshy edible inner portion bananas are a valuable source of vitamin and potassium bananas are grown in one hundred and thirty two countries worldwide more than any other fruit crop bananas come in a variety of sizes and colors most cultivars are yellow when ripe the ripe fruit is easily peeled and eaten raw or cooked this text was extracted from the wikipedia for the fifth cryptographic challenge you will need to implement a reduced brute force attack against a text encrypted with the advanced encryption algorithm or aes for short in the electronic code book mode or ecb for short but without the knowledge of the corresponding plain text you should be able to analyze a string of bytes and find a way of distinguish between random gibberish and a coherent phrase written in portuguese  
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