

## **Mathematical Methods 2 Coursework – Cryptography**

### **Members:**

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### **Project:**

We have considered the extensions but weren't able to implement the first two. The Kaliski essay was interesting though.

There are three python scripts: code.py which encodes according to the parameters given in code.param, decode.py which decodes according to the parameters given in decode.param and crack.py which cracks madrigal.code given the public key and cipher text KublaKhan.txt. code.out is the result of executing code.py , decode.out is the result of decode.py on code.out and madrigal.out is the result of crack.py on madrigal.code. speedyfunctions.py is an import file given in the coursework for some useful functions.