

Supplement for Problem Set #3

This problem involves the *Playfair cipher* with key $k = \text{“STEVENUNIVERSE”}$.

You will need to do some research to understand how the cipher works.

In this implementation, we are replacing 'J' by 'I'.

1. Encrypt the message

“I learned that beneath my goody two shoes lie some very dark socks.”

This is from Lisa Simpson, by the way.

2. You receive the encrypted message

```
RB LR SE RF VT EV LD EP IV FN OR  
ID KU PV OW UV UG FR IV AT VR IE
```

Decrypt the message. Who sent the message? Give a little information about this person.