Would you like to (E)ncode or (D)ecode a message or (Q)uit?

**e**

Enter the elements of your 2x2 Encode Matrix row wise: **4 3 2 2**

Enter a message (w/out punctuation): **PURPLE PEOPLE EATER**

Your encoded message is below:

STLNIGUEKMSBTJWLNWRI

Would you like to (E)ncode or (D)ecode a message or (Q)uit?

**d**

Enter the elements of your 2x2 Encode Matrix row wise: 4 3 2 2

Enter you coded message (w/out punctuation): **STLNIGUEKMSBTJWLNWRI**

Your decoded message is below:

PURPLE PEOPLE EATER

Would you like to (E)ncode or (D)ecode a message or (Q)uit?

**q**

Goodbye!

Process finished with exit code 0