Shift 1 = 1

Shift 2 = 1

ABCD

65 66 67 68

64 65 66 67

@ABC

abcd

97 98 99 100

98 99 100 101

bcde

nopq

110 111 112 113

108 109 110 111

Lmno

Shift 2 = 2

NOPQ

78 79 80 81

82 83 84 85

RSTU

Shift1 and shift2 = 1

Input = 84 104 101

Output = 85 105 102 (Uif)

113 117 105 99 107

Output = 111 115 106 100 108 (osjdl)

**Decryption**

**Shift 1 = 1**

**Shift 2 = 1**

**Uif** input = 85 105 102

Output needs to be = 84 104 101

**Current output** = 84 104 101 (The)

**osjdl** input = 111 115 106 100 108

Output needs to be = 113 117 105 99 107

**Current output** = 113 117 105 99 107 (quick)

**cpmul** input = 99 112 109 117 108

Output needs to be = 98 114 111 119 110 (brown)

**Current output** = 98 114 108 119 107 (brlwk)

**gmv** input = 103 109 118

output needs to be = 102 111 120 (fox)

current output = 102 108 120 (flx)

<https://www.w3schools.com/python/python_file_write.asp>

[How To Indent Multiple Lines In Python?](https://pythonguides.com/indent-multiple-lines-in-python/)

[PDF\_CODE\_WK3.pdf](file:///C:\Users\S381332\OneDrive%20-%20Charles%20Darwin%20University\Documents\Semester%202\HIT137\PDF_CODE_WK3.pdf)