Received four symbol message with last two symbols unreadable: f l \_ \_

Step 1:

Run readable symbols, f l, through Encode.java and get: 7177

Step 2:

Instructions say to reduce mod 100

Last two digits of value in point come from shift in first character:

Previous two digits of come from shift in second character:

Need positive value in so add 100:

So, last four digits of are:

Step 3:

Need all points on elliptic curve where last four digits of are , so run PointECC.java with:

Get 17,608 results. Need only points with last four digits of equal to :

2604P= (32906,21402)

7099P= (2906,28589)

10509P= (2906,24392)

15004P= (32906,31579)

Step 4:

For each point result, subtract last two digits of from third character in encrypted message (62) and subtract previous two digits in from fourth character in encrypted message (13)

, Result:

, Result:

, Result:

, Result:

Step 5:

Run results through Decode.java

So, the message is “flee” and the point is