

You are given a highly encrypted message. Your task is to decode this message using multiple cryptographic techniques. The message is encrypted using a combination of Vigenère cipher, Caesar cipher, string reversal, binary encoding, XOR operation, and Base64 encoding.

Input:

The input is a single string, representing the encoded message. Here is the encoded string:

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Y1RSQIVEYFBURFRCX2JVU0NFRGFRRURVQ15zVVJCVEVgUERUVUNeYIVTQ1VUY
FBFRFRCX2JFU0NURGBRREVFQl9iVFNCVEVwUUVFVUJfY1RDQIRFYVFERVRSXmJ
VU0JURGBBREVVQl9jVVJSVUVgUUREVUNOY1RTQ1VEYVFURFRDXmJVUkJFRGFR
RURUQl5zVVJDVUVgUURUVUNfY1VTQIRUYFBERVRCXmNFU0NVRGBQRUVFQl9i
VVJDVERwUUEVUJfY1RDQIRFYFBFRVVSXmJVU0JURGFBREVVQ15iVFJSVUVhUE
REVUNOY1RSQ1REYVFURFRDX2NUU0JFRGFRRURVQ15zVVJCVURhUEVUVUNfY1
VTQ1VUYFBERFRCX2JFU0NVRGBQREVFQl9iVFNCVERwUUVFVUNeY1VDQIREYFF
FRFVSXmJU0NURGBBREVVUQl9iVVNSVUVgUEREVEJOY1RSQ1VFYFFURFRCXmN
VUkJFRGFRRERUQl5zVVJCVERgUERUVUNfYIVTQ1VUYFBERVVCX2NFU0NVRGBQ
RERFQl9iVVJCVURwUUVFVUJeY1RDQIREYVBERFRSXmJVU0JURWBBREVVUQl9iVVJ
SVUVgUUEVEVENOY1RTQ1REYVFURFRDXmJVUkJFRGFQRERUQ19zVVJCVERhUUV
UVUNfY1RTQ1VUYFBFRVVCX2JFU0NVRGBQRUVFQl9jVVJDVUVwUUVFVEJeY1RD
QIREYFFERFRSXmJVU0JVRWBBREVVUQ15jVVNSVUVhUUVFVENOY1RTQIVEYVFU
RFRDX2NVUkNFRGFRRERVQl9zVVJDVURhUEVUVUNfY1VTQ1RUYFBFRFRCXmNF
U0NURGBQRUVFQl9iVVNDVERwUUVFVUNeYIVDQIREYVFERVRSXmJVUkJVRWFB
REVUQl9jVFNSVUVhUERFVUNOY1RTQ1REYFBURFRCXmJU0NFRGFQRURUQl5z
VVJCVERhUUVUVUNfY1RSQIVUYFBFRVVCX2NFU0NVRWBQREVFQl9jVVNDVURw
UUVFVEJeY1VDQIRFYFBERFVSXmJVUkNVRGFBREVVUQ19jVVNSVUVgUERFVEJOY
1RSQIVFYVBURFRDX2NVU0JFRGFQREVVQ15zVVJDVUVhUUVUVUNeYIVTQIRUYF
BFRFRCX2JFU0NURGFRREVFQl9jVFNCVERwUUVFVUJfY1VDQIREYFFFRVRSXmJU
U0JURWFBREVVUQl9iVVNSVUVhUURFVENOY1RTQIVFYFFURFRCX2NVU0NFRGFR
REVUQ18=
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Output:

Your program should decode the given string through the following steps in order: Base64 decoding, XOR operation, binary to text conversion, string reversal, Caesar cipher decryption, and Vigenère cipher decryption to reveal the original message.