

## Custom Cipher

Here I use cyberchef's rot13 brute force. Then CTRL F to get the flag. How do I know it's a rotation? Because the ciphertext VWRXWFWI when compared to STOUTCTF got many related things. S to V is 3 alphabet. T to W is also 3 alphabet. So need to apply to all, then we use ROT

ROT13 Brute Force

☒ Rotate lower case chars

☒ Rotate upper case chars

☐ Rotate numbers

Sample length  
100

Sample offset  
0

☒ Print amount

Crib (known plaintext string)

VWRXWFWI{Vr3J8Njks4Tn58PjDv3IPnc9VueGFWlu}

42

1

Output

Amount = 1: WXSXGXJ{ws3K80K1t4Uo58QkEw3JQOd9WvfHGxmv}  
Amount = 2: XYTZHYK{Xt3L8PLmu4Vp58R1fx3KRPe9XwgIHynw}  
Amount = 3: YZUAZIZL{Yu3M8QmNv4Wq58SmGy3LSQf9YxhJIzox}  
Amount = 4: ZAVBAJAM{Zv3N8RNow4Xr58TnHz3MTRg9ZyiKJapy}  
Amount = 5: ABWCBKBN{Aw3O8SOp4Ys58UoIa3NUS9AzjLKbqz}  
Amount = 6: BCXDCLCO{Bx3P8TPqy4Zt58Vpjb3OVTi9BakMLcra}  
Amount = 7: CDYEDMDP{Cy3Q8UQrz4Au58WqKc3PWUj9Cb1NMdsb}  
Amount = 8: DEZFENEQ{Dz3R8VRsa4Bv58XrLd3QXV9DcmONetc}  
Amount = 9: EFAGFOFR{Ea3S8WStb4Cw58YsMe3RYWl9EdnPOfud}  
Amount = 10: FGBHGGGS{Fb3T8XTuc4Dx58Ztnf3SZXm9FeoQPgve}  
Amount = 11: GHCIHQHT{Gc3U8YUvd4Ey58AuOg3TAYn9GfprQhwf}  
Amount = 12: HIDJIRIU{Hd3V8ZVwe4Fz58BvPh3UBZo9HgqSRixg}  
Amount = 13: IJEKJSJV{Ie3W8AWxf4Ga58CwQi3VCAp9IhrTSjyh}  
Amount = 14: JKFLKTKW{Jf3X8BXyg4Hb58Dxrj3WDBq9JisUTkzi}  
Amount = 15: KLGMLLUL{Kg3Y8CYzh4Ic58EySk3XECr9KjtVU1aj}  
Amount = 16: LMHNMVMY{Lh3Z8DZai4Jd58FzTl3YFDs9LkuWmbk}  
Amount = 17: MNIONWNZ{Mi3A8EAbj4Ke58GaUm3ZGET9MlvXwnc1}  
Amount = 18: NOJPOXOA{Nj3B8FBck4Lf58HbVn3AHFu9NmWYXodm}  
Amount = 19: OPKQPYPB{Ok3C8GCd1Mg58Icwo3BIGv9OnxZYpen}  
Amount = 20: PQLRQZQC{Pl3D8HDem4Nh58JdXp3CJHw9PoyAZqfo}  
Amount = 21: QRMSRARD{Qm3E8IEfn4Oi58KeYq3DKIx9QpzBArgp}  
Amount = 22: RSNTSBSE{Rn3F8JFgo4Pj58LfZr3ELJy9RqaCBshq}  
Amount = 23: STOUTCTF{So3G8KGhp4Qk58MgAs3FMKz9SrbDctir}  
Amount = 24: TUPVUDUG{Tp3H8LHiq4Rl58NhBt3GNLa9TscEDujs}  
Amount = 25: UVQWWEVH{Uq3I8MIjr4Sm58OiCu3HOMB9UtdFEvkt}

STOUTCTF{So3G8KGhp4Qk58MgAs3FMKz9SrbDctir}