**GTI 893**

Space stone is one of the six Infinity Stones that predate the universe and possess unlimited energy. It was used by various ancient civilizations before coming into Asgardian hands, kept inside Odin's Vault. Eventually, it was brought to Earth and left in Tønsberg, where it was guarded by Asgardian worshipers. The space stone was retrieved by Johann Schmidt, the leader of HYDRA, who used the stone to power enhanced weaponry in order to defeat the Allies during World War II.

The space is stone is located in the secret vault of HYDRA which is as mentioned in Johann Schmidt's diary and vault has a nuclear weapon that will blow if tried to crack open it, cleaning of a entire civilization. So as per Schmidt's diary the valut key is a string having the clue:

The problem is to transmute the given string by 9 places preceeding each letter in the given string and find it do anticlockwise rotation thrice to obtain the space stone from the secret vault of HYDRA. **HAIL HYDRA!**



Clue: |j{jl}}n|

**Input Format**

Single line consist of string

**Constraints**

No constraints

**Output Format**

String the clue to find next program

**Sample Input 0**

tQ~u

**Sample Output 0**

Hulk

**Explanation 0**

On the above test case preceeding it by 9 places t=k,Q=H,~=u,u=l : kHul

So on anticlockwise by 3 places

lkHu -> ulkH -> Hulk