



recruitment **CTF**

2024-25

CHALLENGE NAME: [_keygenme]

DEV: [_Pushkar deore]

CATEGORY: [_Rev Engg_]

LEVEL: [EASY]



Challenge Description:

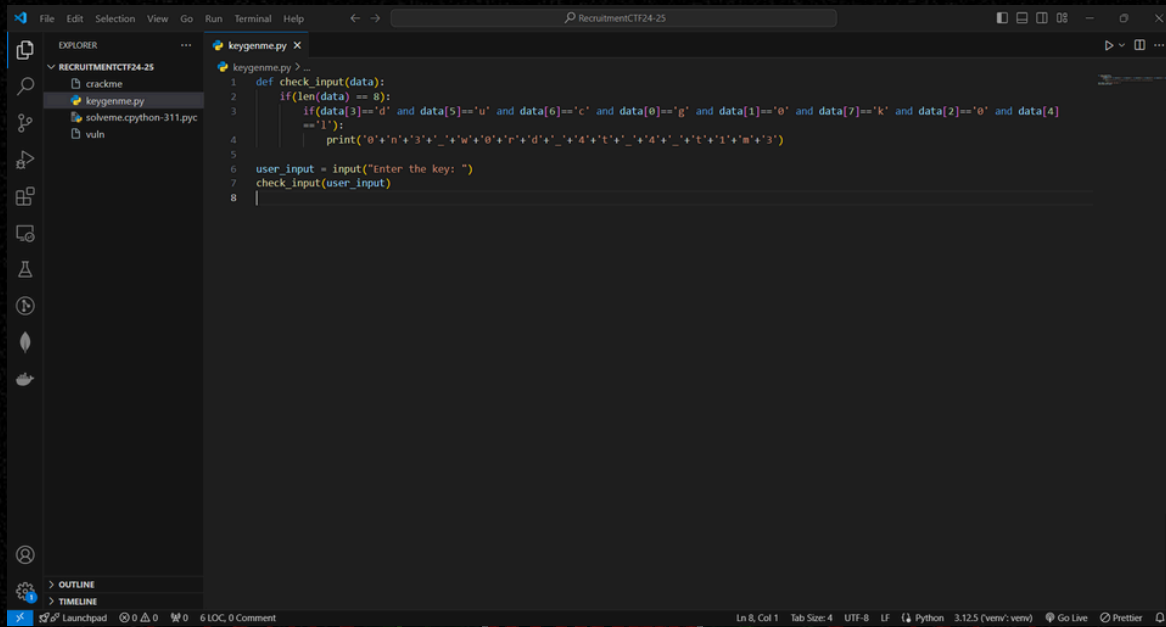
Crack this code open and submit the flag.

Flag_Format: RecruitmentCTF{your flag}



WRITEUP:

1) We are given a python source code here.



```
1 def check_input(data):
2     if(len(data) == 8):
3         if(data[3]=='d' and data[5]=='u' and data[6]=='c' and data[0]=='g' and data[1]=='0' and data[7]=='k' and data[2]=='0' and data[4]
4             == 'l'):
5             print('0'+n+'3'+_+'u'+0+'r'+d+'_'+4+'t'+_+'4'+_+'t'+1+'m'+3')
6 user_input = input("Enter the key: ")
7 check_input(user_input)
8 |
```

2) Here, we can see that an input is being taken which is stored in `user_input` variable which is then passed as an argument to `check_input` function.

3) In this function, first of all length of input string is checked which should be of length 8.

4) After carefully examining the nested if condition, we realize from the indexes and expected values at those indexes that required input is “g00dluck”.

5) Once this input is given, the flag is printed on your output window.