*# n=29  
# i=2  
# x=n/2  
# while i<x:  
#  
# if n%i==0:  
# print("not prime")  
# break  
# i+=1  
# else:  
# print("prime")  
#----------------------------------------PN using for else loopDemo*

n=int(input(**"enter the number"**))  
**for** i **in** range(**2**,n):  
 **if** n%i==**0**:  
 print(**'not a primenumber'**)  
 **break  
else**:  
 print(**'prime NUmber'**)