def help(text): vowels = 'AEIOU' result = '' for char in text: if char.isupper(): nearest\_vowel = min(vowels, key=lambda x: abs(ord(x) - ord(char))) result += nearest\_vowel else: result += char return resultstring=input()def help2(text): c1=0 c2=0 for i in text: if ord(i)>=97: c1+=1 else: c2+=1 return c1,c2ans=help(string)c1,c2=help2(ans)if(c1>c2): print(ans.lower())elif c2>c1: print(ans.upper())else: print(ans.capitalize())