"""

Q1. Write a Python program to check if a string has at least one

letter and one number. If it has at least one letter and one number

then print YES else print NO.

"""

n = input("enter a string:  ")

count\_char = 0

count\_int = 0

for i in range(0, len(n)):

    if n.isalpha():

        count\_char += 1

    elif n.isdigit():

        count\_int += 1

if count\_int > 0 and count\_char > 0:

    print("Yes")

else:

    print("No")

"""

Q2:Write a python program to ask a string from user. Then count

the number of vowels and number of consonants in that string.

(Make sure there are no spaces in string when you enter in

terminal).

"""

n = input("enter a string:  ")

count\_v = 0

count\_c = 0

for i in range(0, len(n)):

    if n[i] == "a" or n[i] == "e" or n[i] == "i" or n[i] == "o" or n[i] == "u":

        count\_v += 1

    else:

        count\_c += 1

print(f"total vowels are {count\_v}")

print(f"total consonants are {count\_c}")

"""

Q3. Write a python program to remove all the duplicates from the

string entered by user.

"""

n = input("enter a string:  ")

y = set(n)

b = "".join(i for i in y)

print(b)

"""

Q4. Ask a string from user. Print the string with first 2 letters and

last 2 letters.

"""

n = input("enter a string:  ")

print(n[0:2] + n[7:9])

"""

Q5. Write a python program to only print second half of the string.

Ask string from user.

"""

n = input("enter a string:  ")

if len(n) % 2 == 0:

    n2 = len(n) // 2

elif len(n) % 2 != 0:

    n2 = (len(n) // 2) + 1

print(n[n2:])