Question	Answer
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Write an algorithm in pseudocode which satisfies the requested program.	

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## **Answer**

\*\*\*There are always different ways to solve a problem. This algorithm is just an example. What is important is that the logic is correct!\*\*\*

## LOGIC:

- -Ask the user for a name and store it in a variable
- -Ask the user for a year and store it in a variable
- -Join (concatenate) name and year and store in variable
- -if the length of username is greater than 9 then display username however, if it is not...
- -store the length of the username
- -subtract this length from 10
- -multiply an 'a' with the result and store the string
- -display the username with the string joined at the end

## **FXAMPLE ALGORITHM:**

```
name = input("Enter your name: ")
yearOfBirth = input("Enter your year of birth")
username = name + yearOfBirth
if username.length > 9
    print(username)
else
    length = username.length
    numberNeeded = 10 - length
    extraLetters = "a" * numberNeeded
    print(username + extraLetters)
endif
```