

```
def encode(message):
    count = 0
    character = ''
    previous_char = message[0]
    result = ''
    length = len(message)

    i = 0
    while (i != length ):
        character = message[i]

        if previous_char == character :
            count = count + 1
        else :
            result = result + str(count) + previous_char
            count = 1
        #print(str(i) + str(character) + str(previous_char) + "          " + str(result))
        previous_char = character
        i = i + 1

    return result + str(count) + str(previous_char)

encoded_message=encode("ABBBBCCCCCCCCAB")
print(encoded_message)
```

🔗 1A4B8C1A1B

