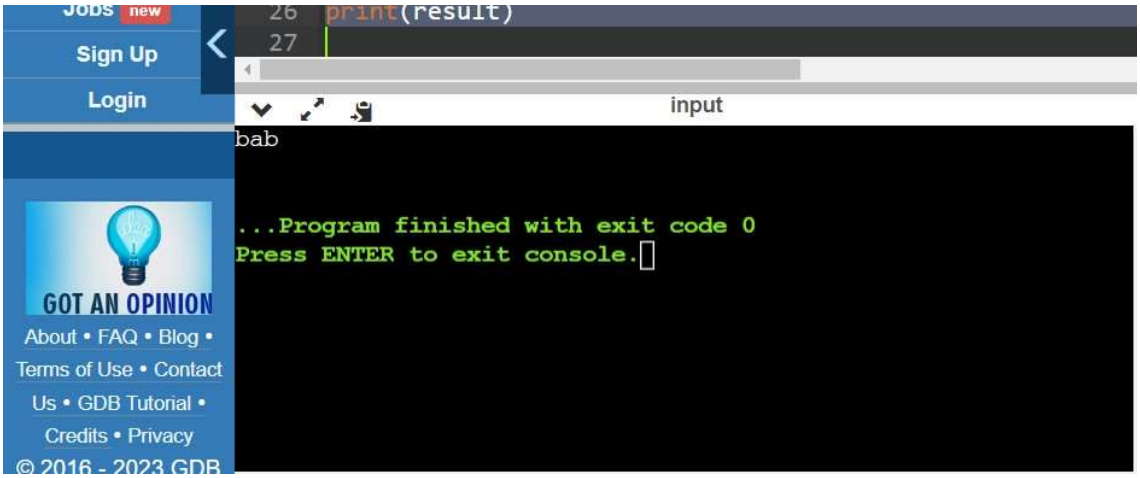
Problem 2: Longest Palindromic Substring

```
def expandAroundCenter(s, left, right):
    while left >= 0 and right < len(s) and s[left] == s[right]:
        left -= 1
        right += 1
    return right - left - 1


def longestPalindrome(s):
    start = 0
    maxLen = 0

    for i in range(len(s)):
        len1 = expandAroundCenter(s, i, i)
        len2 = expandAroundCenter(s, i, i + 1)

        if len1 > maxLen:
            maxLen = len1
            start = i - (len1 - 1) // 2

        if len2 > maxLen:
            maxLen = len2
            start = i - len2 // 2 + 1

    return s[start:start + maxLen]
s = "babad"
result = longestPalindrome(s)
print(result)
```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