

### Problem 3: Minimum Characters required to make a String Palindromic

```
def min_chars_to_palindrome(string):
```

```
    if string == string[::-1]:
```

```
        return 0
```

```
    n = len(string)
```

```
    for i in range(n, 0, -1):
```

```
        if string[:i] == string[i - 1::-1]:
```

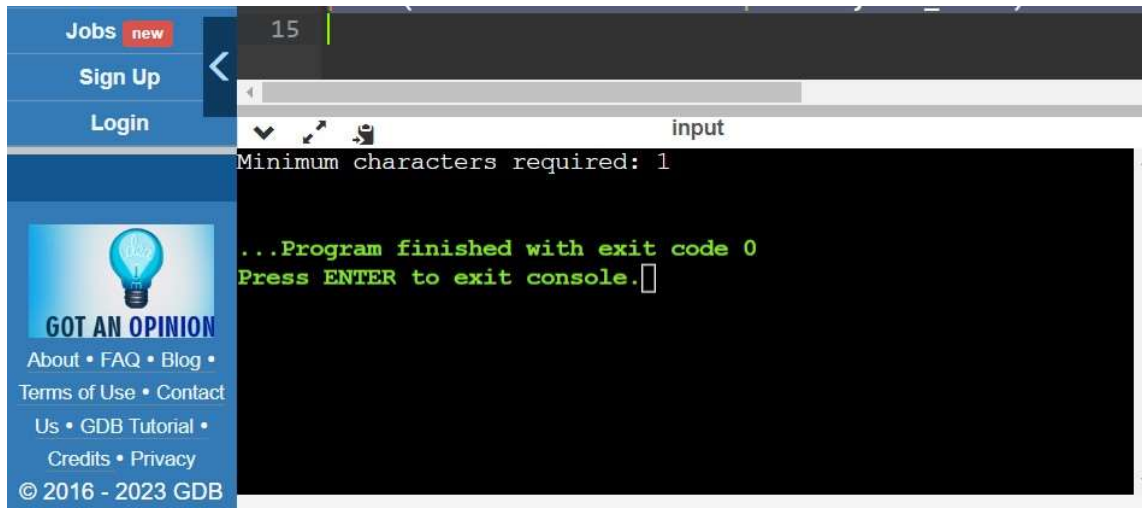
```
            return n - i
```

```
    return n - 1
```

```
input_string = "ab"
```

```
min_chars = min_chars_to_palindrome(input_string)
```

```
print("Minimum characters required:", min_chars)
```



The screenshot shows a web browser interface. On the left is a blue sidebar with the following links: "Jobs" (with a "new" badge), "Sign Up", "Login", "GOT AN OPINION" (with a lightbulb icon), and a list of links: "About", "FAQ", "Blog", "Terms of Use", "Contact Us", "GDB Tutorial", "Credits", "Privacy", and "© 2016 - 2023 GDB". The main content area is a terminal window with a dark background. It shows the input "15" at the top, followed by "input" and "Minimum characters required: 1". At the bottom, it displays "...Program finished with exit code 0" and "Press ENTER to exit console." with a cursor.