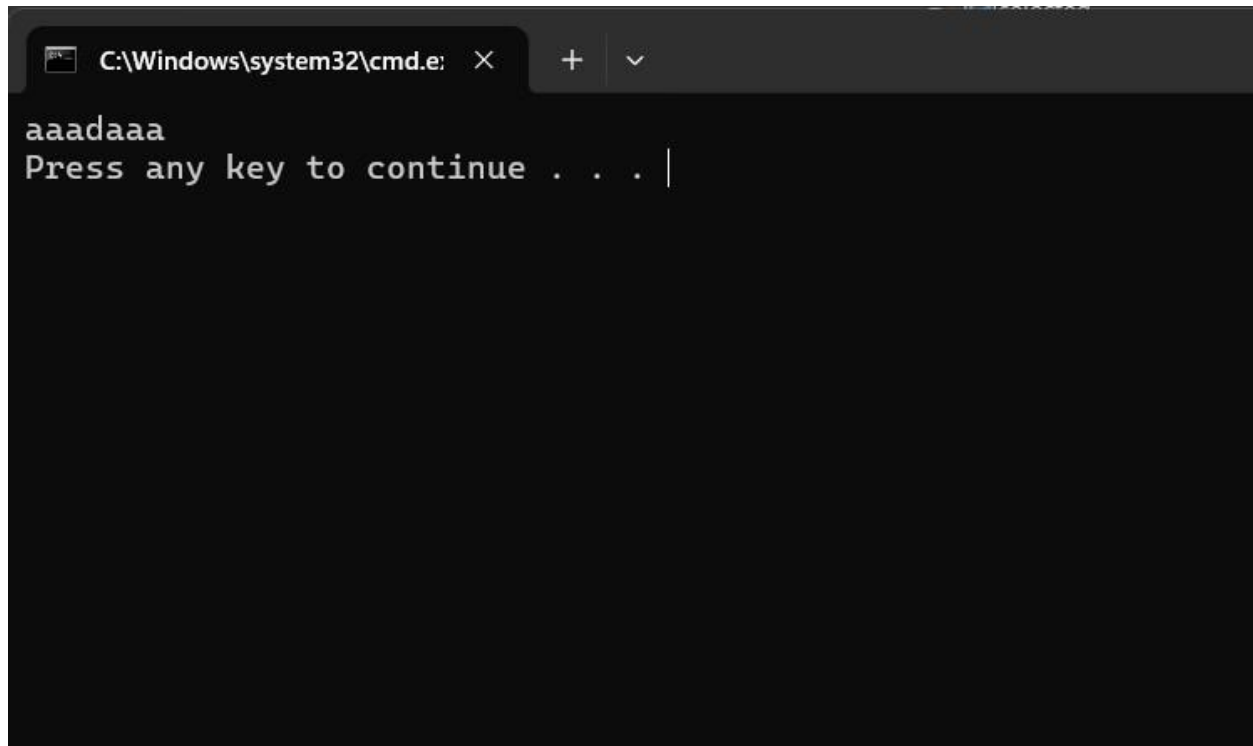102)Longest palindromic subsequence

CODE:

```
def palin(s):    maxpalin=""
for i in range(len(s)):        for j
in range(i,len(s)):
        substr=s[i:j+1]        if substr==substr[::-1] and
len(substr)>len(maxpalin):        maxpalin=substr    return
maxpalin        string="babaaadaaa" print(palin(string))
```

OUTPUT:


```
aaadaaa
Press any key to continue . . .
```

TIME COMPLEXITY : $O(n^3)$