

Q.3) Write a python script for palindrome checking without reversing the string

```
def palindrome_check(io_string):
```

```
    io_string = io_string.replace(" ", "").lower()
```

```
    length = len(io_string)
```

```
    for i in range(length // 2):
```

```
        if io_string[i] != io_string[length - i - 1]:
```

```
            return False
```

```
    return True
```

```
user_input = input("Enter a string: ")
```

```
if palindrome_check(user_input):
```

```
    print(f'{user_input} is a palindrome.')
else:
```

```
    print(f'{user_input} is not a palindrome.')
```