

Largest Palindrome in a Range

```
def is_palindrome(n):
    return str(n) == str(n)[::-1]

def largest_palindrome_in_range(start, end):
    largest = 0
    for num in range(end, start - 1, -1): # reverse loop
        if is_palindrome(num) and num > largest:
            largest = num
    return largest

# Example usage
start = int(input("Enter start of range: "))
end = int(input("Enter end of range: "))

result = largest_palindrome_in_range(start, end)
print(f"The largest palindrome between {start} and {end} is: {result}")
```

Output

```
Enter start of range: 5
Enter end of range: 2
The largest palindrome between 5 and 2 is: 0

=== Code Execution Successful ===
```