

1 An Example

Examine the code:

```
1 def pal_prefix(s: str) -> int:      #Precondition: |s| >= 1
2     for p in range(len(s), 0, -1):
3         if is_pal(s[0:p]):
4             return p
```

Analyzing the runtime of the function

First, we measure size of input s by $n = |s|$

What is the worst case for `pal_prefix` - $WC_{p.p}(n)$