

## Algorithm W

```
fac n = if n == '0' then 1 else n * (fac n - 1)
```

Cannot match expect type Char  $\rightarrow$  Int with  
actual type Int  $\rightarrow$  Int

## Algorithm M

```
fac n = if n == '0' then 1 else n * (fac n - 1)
```

Cannot match expect type a  $\rightarrow$  a  $\rightarrow$  Int with  
actual type a  $\rightarrow$  a  $\rightarrow$  Char