

## Problem 10

JPO

Input:

Number

Process:

```
While (Number > 0)
    Number : mod 10 and store in digit
    Number divide 10 and store in Number
    If Digit == 9 And Number mod 10 == 9 Then
        Number divide 10 and store in Number
        Store 9 in digit
    End If
    Declare Result and M
    Store Result := 0 and M := 1
    Multiple digit with M and then add
    with Result and store in Result
    Multiple 10 with M and store
    in M
End while
Print "Result"
```

Output:

Result

## Pseudocode

Start

Input "Number"

Result := 0

M := 1

Digit := 0

While (Number > 0)

Digit := Number % 10

Number := Number / 10

If

Digit == 9 And Number / 10 == 9

Number := Number / 10

Digit := 9

End If

Result := Result + Digit \* M

M := M \* 10

End while

Print "Result"



