

Date: \_\_\_\_\_

Problem 10: Poor Mr. Bhola bought a faulty keyboard

Understood: whenever 9 is typed it is input as 90, so we have to fix that

Solution: Take input as string then convert it into list and iterate through each digit. Remove the digit after 9 as it would be zero.

Pseudocode:

```
OUTPUT "Enter the Number"
INPUT wrongNumber
for i = 0 to (length of wrongNumber)
    IF wrongNumber[i] == '9' THEN
        Remove ( wrongNumberwrongNumber, i+1 )
    ENDIF
NEXT i
return wrongNumber
OUTPUT wrongNumber
```

IPO Chart:

INPUT	Process	OUTPUT
- Take the number as input	<ul style="list-style-type: none"><li>- Perform bitwise manipulation and check for digit 9.</li><li>- Remove the next digit and return the value</li></ul>	- The number entered after correction (removing '0' after occurrence of 9).

MIGHTY PAPER PRODUCT



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Flowchart:

