Max difference you can 1432 get from changing an Integer Integer -> num Input Maximum difference between Output and b a and b are 2 integers replace any barticular digit of num with some other digit do it a times to create 2 different integers -> a, b =7 a and b Should not be 0 and should not have a leading O

ex (1) \_\_> num = 555 pick 5 replace with 9 (999) -> a pick 5 replace with 1 111 -> b a - b = 7 999 - 111 =7 888 -> output num => 1125  $e_{\infty}$  (2) a -> 1 -> 9 L> 9925 b -7 2 -7 0 L7 1105 9925 - 1105 => (8820) ~ ex 3 224527 a -> 2 -> 9 -> 994597 b-> 2 -> 1 -> 114517

a - b

<del>7</del> <del>880080</del>

Goal -> (a - b)

L> Should be maximum

> a Should be as high as possible

> b Should be as low as possible

> b Should be as

9999 99 81-> nom \*> 1125 -> nom 4444 9925 1000 9981-> nom 1125 -> nom 1181 d (\* 2-70 1105 O, no leading zeros) (should not be