String to Integer

Write a recursive function to convert a given string into the number it represents. That is input will be a numeric string that contains only numbers, you need to convert the string into corresponding integer and return the answer.

Input format :

Numeric string S (string, Eg. "1234")

Output format :

Corresponding integer N (int, Eg. 1234)

Constraints :

0 <= |S| <= 9
where |S| represents length of string S.

Sample Input 1 :

00001231

Sample Output 1 :

1231

Sample Input 2 :

12567

Sample Output 2 :

12567