**Module Introduction**

Write a program to take a number string as input and convert it to an integer.

Problem Solving

**Objective**

Given an input string representing a number, convert that to an integer value.

Assume the number is within integer range [(-2^31) to (2^31) -1].

If empty input is seen return 0. Handle leading and trailing spaces.

**Examples**

**Example 1**

Input: ' 1003 '

Output: 1003

**Example 2**

Input: '-99'

Output: -99

**Example 3**

Input: '+199'

Output: 199