```
def insert(L, i):
    """ (list, int) -> NoneType

    Precondition: L[:i] is sorted from smallest to largest.

    Move L[i] to where it belongs in L[:i + 1].

    >>> L = [7, 3, 5, 2]
    >>> insert(L, 1)
    >>> L
    [3, 7, 5, 2]
    """

    # The value to be inserted into the sorted part of the list.
    value = L[i]

    # Find the index, j, where the value belongs.
    # Make room for the value by shifting.
    j = i
    while j != 0 and L[j - 1] > value:
        # Shift L[j - 1] one position to the right to L[j].
        L[j] = L[j - 1]
        j = j - 1


    # Put the value where it belongs.
    L[j] = value


def insertion_sort(L):
    """ (list) -> NoneType

    Sort the items of L from smallest to largest.

    >>> L = [7, 3, 5, 2]
    >>> insertion_sort(L)
    >>> L
    [2, 3, 5, 7]
    """

    for i in range(len(L)):
        insert(L, i)


if __name__ == '__main__':
    import doctest
    doctest.testmod()
```