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user_input= input("Please enter a 9-digit number")
number_list = list(user_input)
digits_to_sort = []
For num in number_list:
    digits_to_sort.append(int(num))
digits_to_sort.reverse()
for i in range(len(digits_to_sort) - 1):
    if digits_to_sort[i] > digits.to_sort[ i + 1]:
        exchange(digits_to_sort[i], digits_to_sort[i+1])
        n = i
        break
Use selection sorting method to sort the first n elements of digits_to_sort in descending order
digits_to_sort.reverse()
digits_sorted = []
for num in digits_to_sort
    digits_sorted.append(str(num))
number_sorted = ""
for num in digits_sorted
    number_sorted += num
output (number_sorted)

```