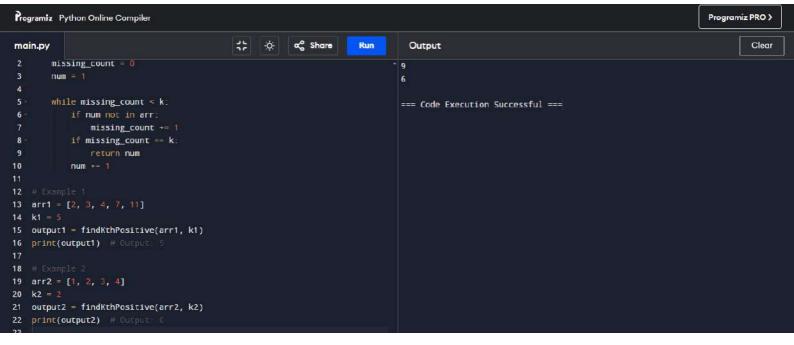
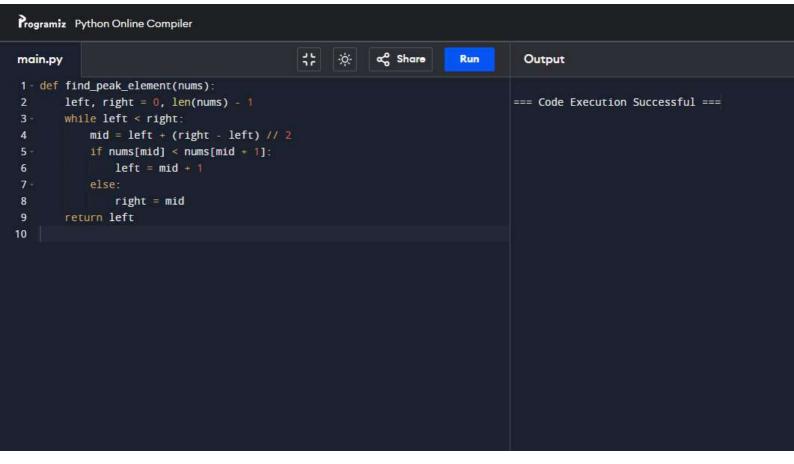
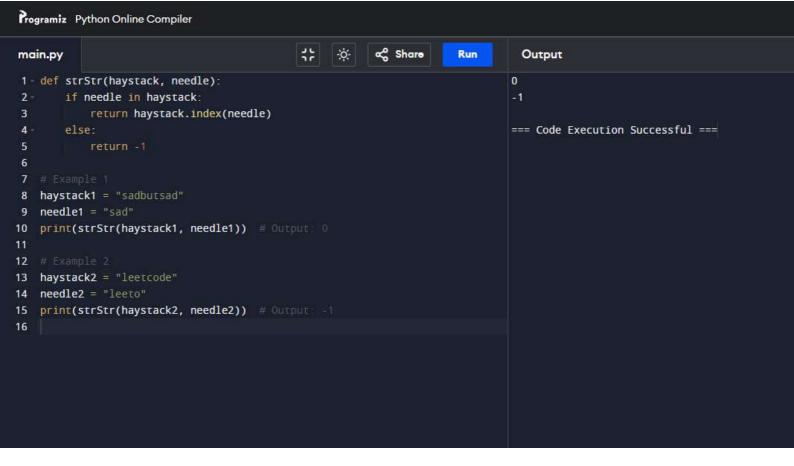


```
main.py
                                                           αද Share
                                                                         Run
                                                                                    Output
                                                                                                                                                            Clear
            key = arr[1]
                                                                                * Input: [11, 12, 22, 25, 64] -> Output: [11, 12, 22, 25, 64]
 4
                                                                                  Input: [10, 13, 14, 29, 37] -> Output: [10, 13, 14, 29, 37]
            while j >= 0 and key < arr[j]:
                                                                                  Input: [1, 2, 3, 4, 5] -> Output: [1, 2, 3, 4, 5]
                                                                                  Input: [1, 2, 3, 4, 5] -> Output: [1, 2, 3, 4, 5]
                                                                                  Input: [1, 2, 3, 4, 5] -> Output: [1, 2, 3, 4, 5]
            arr[j + 1] = key
                                                                                  Input: [1, 1, 2, 3, 3, 4, 5, 5, 6, 9] -> Output: [1, 1, 2, 3, 3, 4, 5, 5, 6, 9]
                                                                                  Input: [5, 5, 5, 5, 5] -> Output: [5, 5, 5, 5, 5]
                                                                                  Input: [1, 1, 1, 2, 2, 3, 3, 3] -> Output: [1, 1, 1, 2, 2, 3, 3, 3]
12 test_cases = [[64, 25, 12, 22, 11], 13 [29, 10, 14, 37, 13],
                                                                                  === Code Execution Successful ===
18
20
21 - for case in test_cases:
        sorted_arr = insertion_sort_with_duplicates(case)
22
        print(f"Input: {case} -> Output: {sorted_arr}")
```







Programiz Python Online Compiler ₹ ÷ ∞ Share Run Output main.py 1 - def string_substrings(words): ['as', 'hero'] ['et', 'code'] substrings = [] for word in words: 3 -for other_word in words: 5 if word != other_word and word in other_word: === Code Execution Successful === substrings.append(word) 6 break 8 return list(set(substrings)) 10 11 words1 = ["mass", "as", "hero", "superhero"] 12 print(string_substrings(words1)) # Output: ['as', 'hero'] 13 14 words2 = ["leetcode", "et", "code"] 15 print(string_substrings(words2)) # Output: ['et', 'code'] 16 17 words3 = ["blue", "green", "bu"] 18 print(string_substrings(words3)) # Output: [] 19