**TOPIC 2 : BRUTE FORCE**

**EXPERIMENT-2.1 sorts the list**

**A screenshot of a computer screen

AI-generated content may be incorrect.**

**EXPERIMENT-2.2 Count Selection Sort Explanation + Code**

**A screenshot of a computer

AI-generated content may be incorrect.**

**EXPERIMENT-2.3 Optimized Bubble Sort (Early Stopping)** **A screenshot of a computer

AI-generated content may be incorrect.**

**EXPERIMENT-2.4 Insertion Sort with Duplicates**

**A screenshot of a computer

AI-generated content may be incorrect.**

**EXPERIMENT-2.5 Kth Missing Positive Number** **A screenshot of a computer

AI-generated content may be incorrect.**

**EXPERIMENT-2.6 Find Peak Element (O(log n))** **A screenshot of a computer

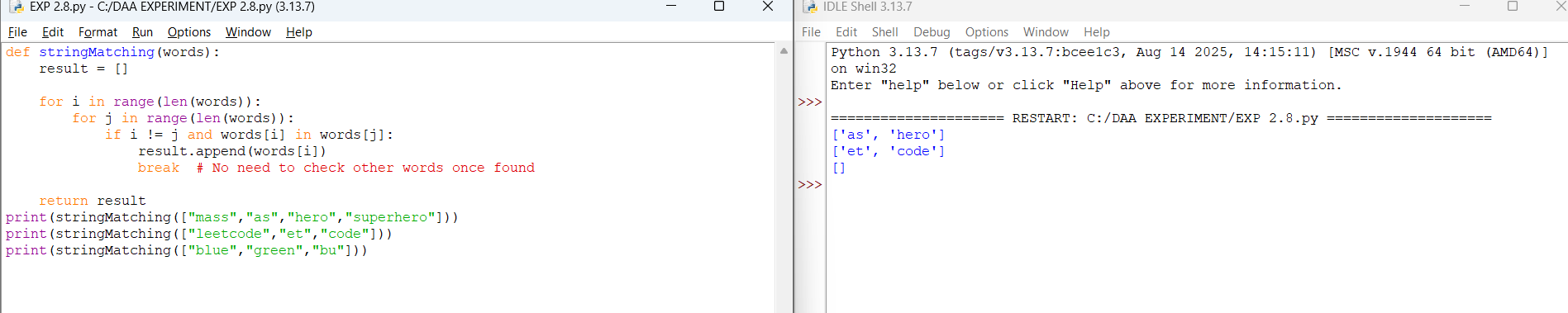
AI-generated content may be incorrect.**

**EXPERIMENT-2.7 First Occurrence of Substring**

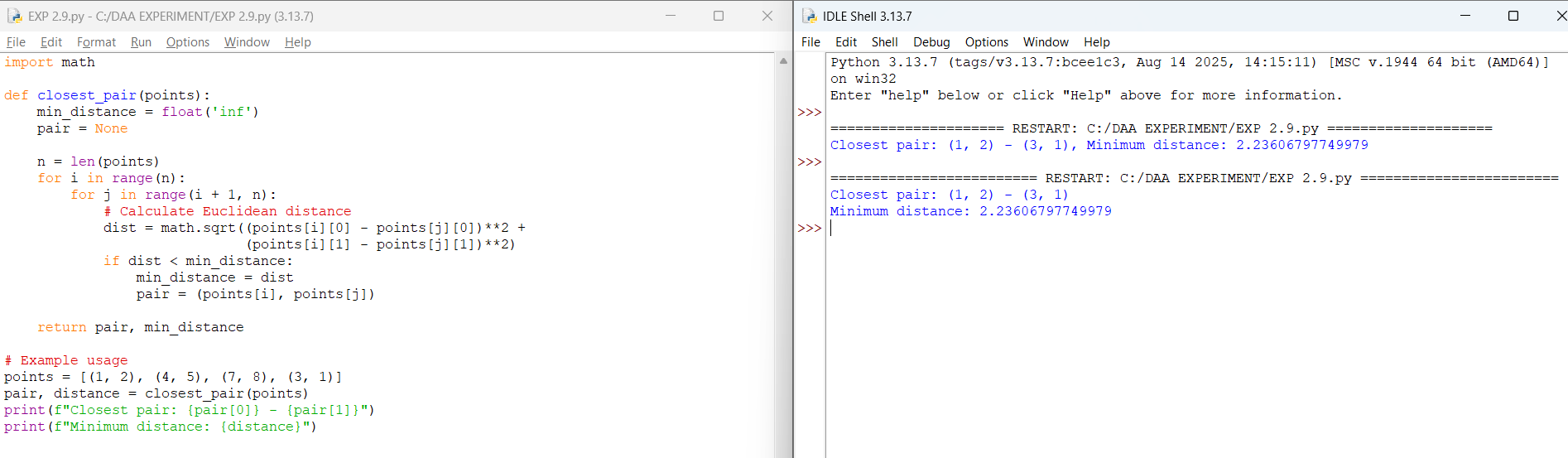
**A screenshot of a computer

AI-generated content may be incorrect.**

**EXPERIMENT-2.8 Find Substrings in List**

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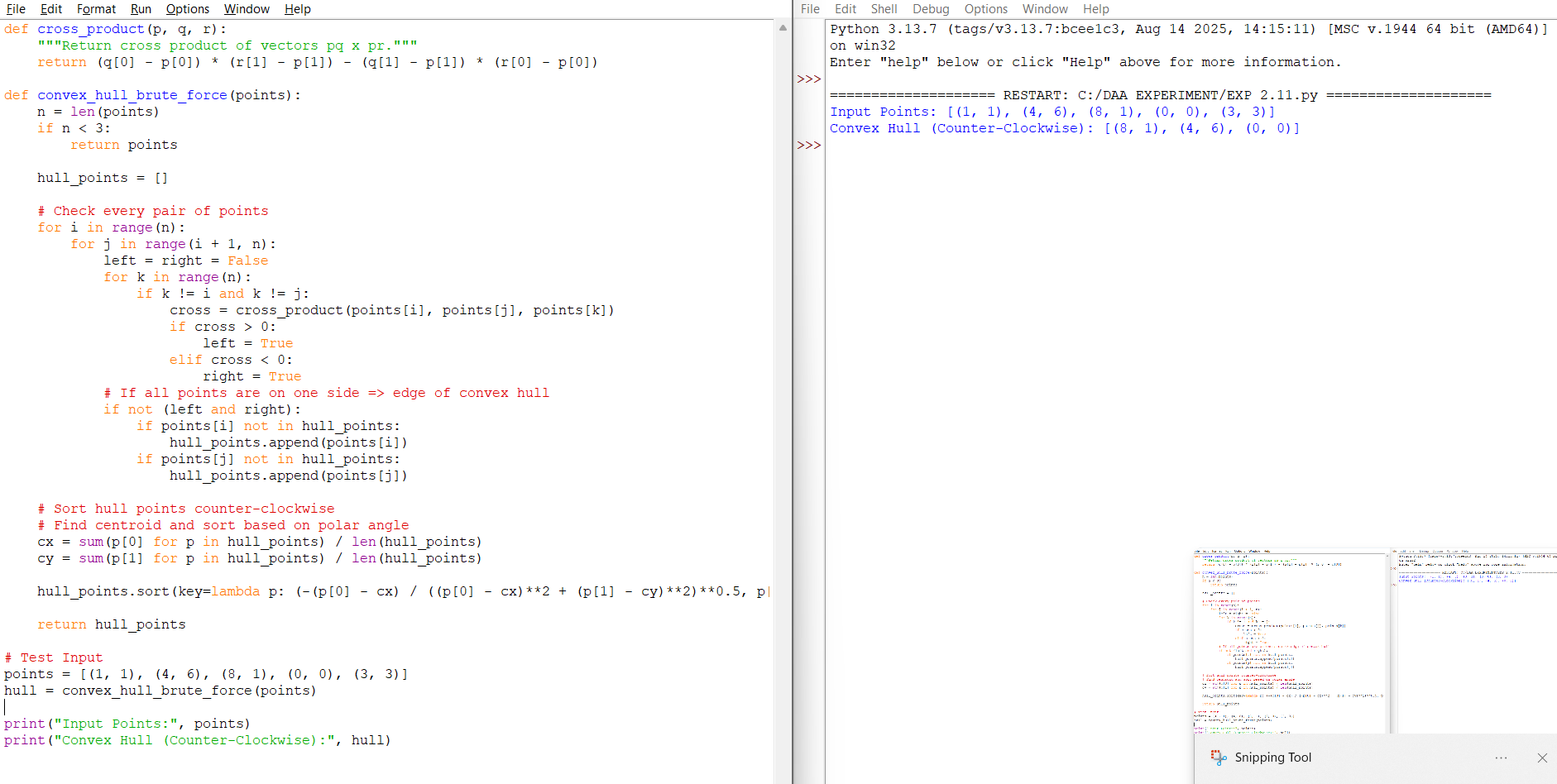
**EXPERIMENT-2.9 Closest Pair of Points (Brute Force)**

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**EXPERIMENT-2.10 Convex Hull (Brute Force)**

**A screenshot of a computer

AI-generated content may be incorrect.**

**EXPERIMENT-2.11 Convex Hull (Simple Example)** ****

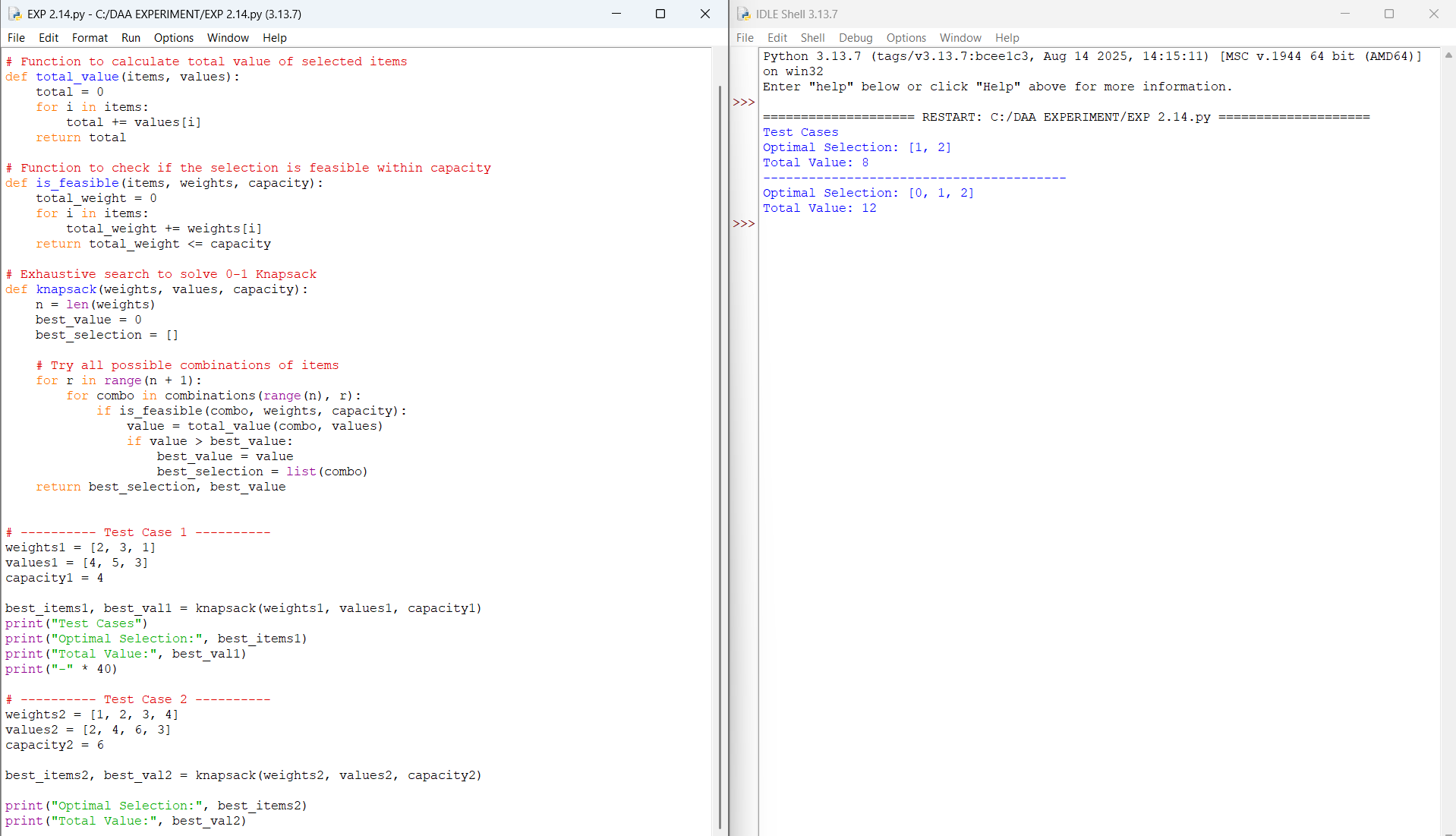
**EXPERIMENT-2.12 Travelling Salesman Problem (TSP) using exhaustive search (brute-force) A screenshot of a computer

AI-generated content may be incorrect.**

**EXPERIMENT-2.13 Assignment Problem using Exhaustive Search (Brute Force)A screenshot of a computer screen

AI-generated content may be incorrect.**

**EXPERIMENT-2.14 Knapsack Problem using exhaustive search (brute force)**

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