Basic Functionality Test:		90/100						Results
Does the program parse all files?								Yes
Does Rabin-Karp find many matches between A & B, A & C, B & C?								A & B
Does it find few or no matches between A & D, B & D, C & D?								No Matches
Is the similarity score high for similar pairs low for different ones?								Yes
Do A, B, C form a cluster?								A & B
Is D in its own cluster (or no cluster if threshold is high)?								Yes
Are representatives chosen from the A/B/C cluster?								
Are metadata retrievable via B+ Tree?								Yes
Constraint & Edge Case Test:		95/100						Results
Does parsing handle comments/whitespace?								Yes
Does Rabin-Karp handle comments/whitespace changes (ideally yes if tokenized well)?								Yes
How does RK perform if code blocks are moved (might miss some matches)?								Miss Matches
Does it correctly identify H as unrelated?								Yes
Does it handle I gracefully?								Yes
Does the B+ Tree handle many entries efficiently (e.g., lookup times)?								Yes
What happens if the similarity threshold is adjusted?								Similarity Matrix Stays The Same
Algorithm Integration & Complexity Test:		95/100						Results
Does the graph build correctly with weighted edges based on similarity?								Yes (Weight As Similarity Score)
Do BFS/DFS correctly identify all expected clusters?								Yes
Does the Greedy algorithm select a representative that makes sense based on your criteria (e.g., highest average similarity to others in the cluster)?								Yes
Do all components work together smoothly? (Optional: If real-time implemented, add a new file and see if clusters update).								Yes
Scoring Guide		93/100	80-100 (Excellent/Good)					