	1-Inappropriate method Choice for Logic	1-Partially Wrong Logic	1-Wrong Logic	2-Sub-optimal Solution(Memory)	2-Sub-optimal Solution(Time)->Iterative Block->Loop Initialization	2-Sub-optimal Solution(Time)->Iterative Block->Loop Stopping	2-Sub-optimal Solution(Time)->Redundant Steps	2-Sub-optimal Solution(Time)->Time Complexity	2-Sub-optimal Solution(Time->Unecessary Steps	3-Confusing Variable Naming	3-Sub-readable Code Exists	4-Code Duplication	4-Comment Duplication	4-Conditional Block-> Unecessary Conditional Block	4-Conditional Block-> Unecessary Else	5-Missing Import	5-Missing Variable Declaration	5-Syntax Error
1-Inappropriate method Choice for Logic	0.00	0.07	0.00	0.13	0.00	0.07	0.07	0.07	0.20	0.00	0.00	0.00	0.00	0.00	0.13	0.07	0.07	0.00
1-Partially Wrong Logic	0.01	0.00	0.00	0.30	0.01	0.03	0.09	0.33	0.05	0.02	0.09	0.00	0.01	0.07	0.34	0.05	0.00	0.03
1-Wrong Logic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.02
2-Sub-optimal Solution(Memory)	0.02	0.48	0.00	0.00	0.00	0.03	0.13	0.54	0.01	0.01	0.03	0.03	0.00	0.03	0.34	0.07	0.00	0.00
2-Sub-optimal Solution(Time)->Iterative Block->Loop Initialization	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2-Sub-optimal Solution(Time)->Iterative Block->Loop Stopping	0.08	0.42	0.00	0.25	0.00	0.00	0.08	0.25	0.00	0.08	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00
2-Sub-optimal Solution(Time)->Redundant Steps	0.04	0.54	0.00	0.46	0.00	0.04	0.00	0.04	0.04	0.00	0.12	0.00	0.00	0.04	0.31	0.23	0.00	0.00
2-Sub-optimal Solution(Time)->Time Complexity	0.01	0.54	0.00	0.55	0.00	0.03	0.01	0.00	0.04	0.01	0.07	0.00	0.00	0.03	0.38	0.04	0.01	0.01
2-Sub-optimal Solution(Time->Unecessary Steps	0.25	0.58	0.00	0.08	0.00	0.00	0.08	0.33	0.00	0.00	0.08	0.00	0.00	0.00	0.08	0.00	0.00	0.00
3-Confusing Variable Naming	0.00	0.60	0.00	0.20	0.00	0.20	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3-Sub-readable Code Exists	0.00	0.78	0.00	0.17	0.00	0.00	0.17	0.33	0.06	0.00	0.00	0.00	0.00	0.11	0.44	0.22	0.00	0.00
4-Code Duplication	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4-Comment Duplication	0.00	0.17	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4-Conditional Block-> Unecessary Conditional Block	0.00	0.73	0.00	0.20	0.00	0.00	0.07	0.20	0.00	0.00	0.13	0.00	0.00	0.00	0.93	0.07	0.00	0.00
4-Conditional Block-> Unecessary Else	0.02	0.60	0.00	0.36	0.00	0.04	0.09	0.41	0.01	0.00	0.09	0.00	0.00	0.16	0.00	0.08	0.01	0.04
5-Missing Import	0.06	0.39	0.00	0.33	0.00	0.00	0.33	0.22	0.00	0.00	0.22	0.00	0.00	0.06	0.39	0.00	0.00	0.00
5-Missing Variable Declaration	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
5-Syntax Error	0.00	0.62	0.38	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00