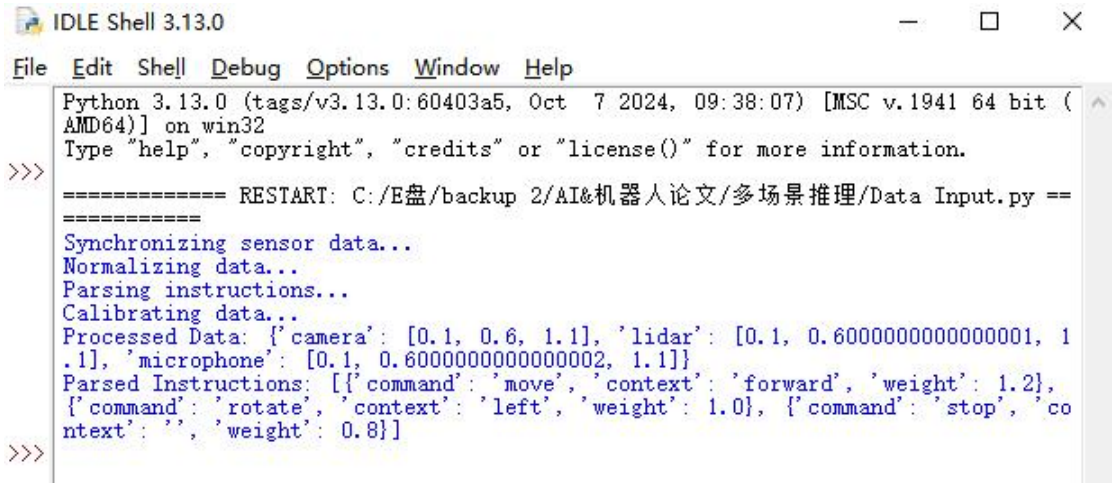
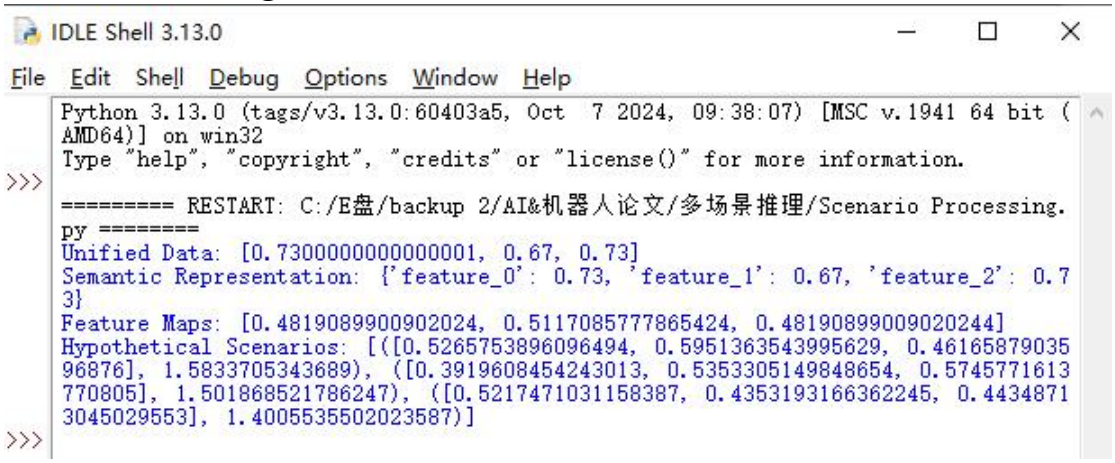
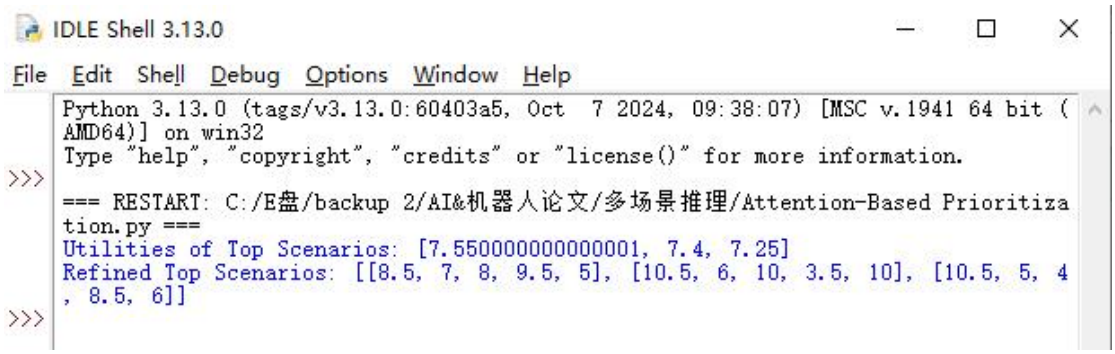
Data Input



Scenario Processing

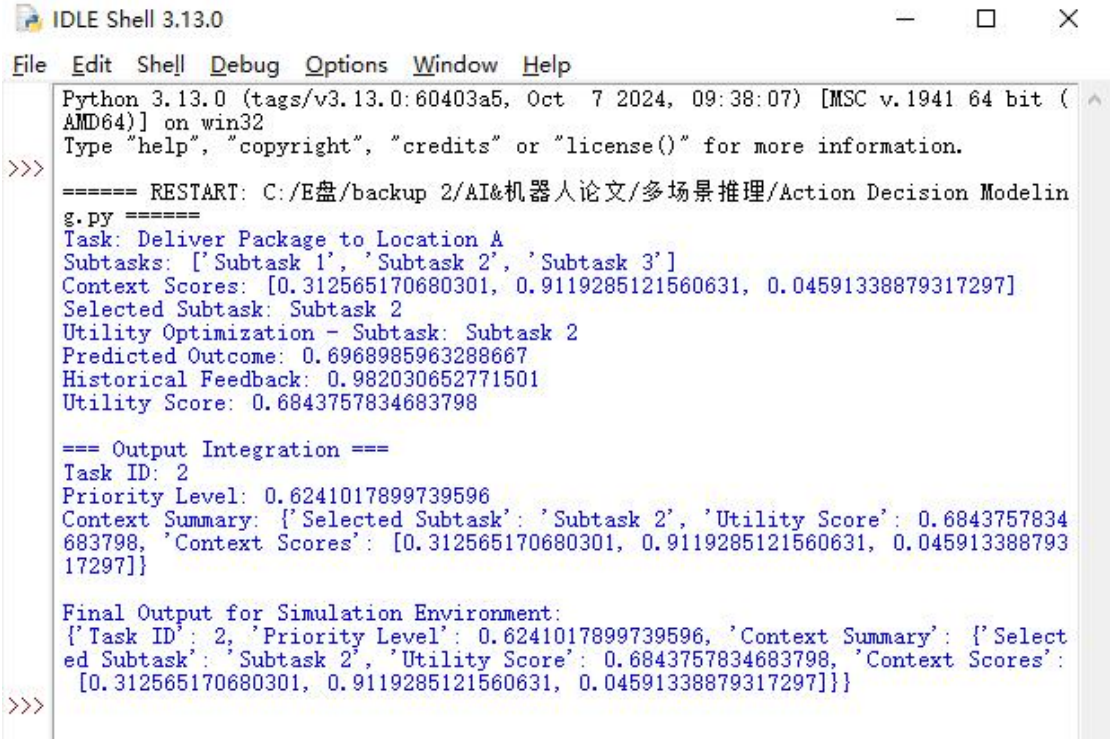


Attention-Based Prioritization



Memory-Augmented Reasoning (with Test Cases)

Action Decision Modeling



Sim2Real


IDLE Shell 3.13.0
File Edit Shell Debug Options Window Help
Python 3.13.0 (tags/v3.13.0:60403a5, Oct 7 2024, 09:38:07) [MSC v.1941 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\E盘\backup 2\AI&机器人论文\多场景推理\Sim2Real.py ==========
=== Sim2Real Execution ===
Simulated Scenarios: ['Task-001-Priority-High-Environment-A-0', 'Task-001-Priority-High-Environment-A-1', 'Task-001-Priority-High-Environment-A-2', 'Task-001-Priority-High-Environment-A-3', 'Task-001-Priority-High-Environment-A-4']
Randomized Scenarios: ['Task-001-Priority-High-Environment-A-0-Randomized', 'Task-001-Priority-High-Environment-A-1-Randomized', 'Task-001-Priority-High-Environment-A-2-Randomized', 'Task-001-Priority-High-Environment-A-3-Randomized', 'Task-001-Priority-High-Environment-A-4-Randomized']
Trained Policy Model: {'Task-001-Priority-High-Environment-A-0-Randomized': 0.8199698708107198, 'Task-001-Priority-High-Environment-A-1-Randomized': 0.95274985012453, 'Task-001-Priority-High-Environment-A-2-Randomized': 0.9110061095300088, 'Task-001-Priority-High-Environment-A-3-Randomized': 0.8885887672740209, 'Task-001-Priority-High-Environment-A-4-Randomized': 0.9235067174717547}
Adapted Policies: {'Task-001-Priority-High-Environment-A-0-Randomized': 0.6963137308426651, 'Task-001-Priority-High-Environment-A-1-Randomized': 0.8067651254282052, 'Task-001-Priority-High-Environment-A-2-Randomized': 0.7407175344515013, 'Task-001-Priority-High-Environment-A-3-Randomized': 0.804132182247039, 'Task-001-Priority-High-Environment-A-4-Randomized': 0.7990068927103953}
Execution Results: {'Task-001-Priority-High-Environment-A-0-Randomized': 'Executed', 'Task-001-Priority-High-Environment-A-1-Randomized': 'Executed', 'Task-001-Priority-High-Environment-A-2-Randomized': 'Executed', 'Task-001-Priority-High-Environment-A-3-Randomized': 'Executed', 'Task-001-Priority-High-Environment-A-4-Randomized': 'Executed'}
Feedback Scores: {'Task-001-Priority-High-Environment-A-0-Randomized': 0.8906000902667088, 'Task-001-Priority-High-Environment-A-1-Randomized': 0.5185205573678748, 'Task-001-Priority-High-Environment-A-2-Randomized': 0.7033781347533106, 'Task-001-Priority-High-Environment-A-3-Randomized': 0.8968106300119895, 'Task-001-Priority-High-Environment-A-4-Randomized': 0.5922431683736324}
Optimized Policy: {'Task-001-Priority-High-Environment-A-0-Randomized': 0.7153737398693361, 'Task-001-Priority-High-Environment-A-1-Randomized': 0.7886171811649927, 'Task-001-Priority-High-Environment-A-2-Randomized': 0.7410553479268324, 'Task-001-Priority-High-Environment-A-3-Randomized': 0.823813245248238, 'Task-001-Priority-High-Environment-A-4-Randomized': 0.7882312095477585}
>>>
Ln: 13 Col: 0