**Assignment 06 Output:**

Enter total number of essential items: 5

Enter maximum truck capacity (in kg): 50

Enter details for each item (weight in kg and utility value):

Item 1 weight (kg): 10

Item 1 utility value: 60

Item 2 weight (kg): 20

Item 2 utility value: 100

Item 3 weight (kg): 250

Item 3 utility value: 40

Item 4 weight (kg): 15

Item 4 utility value: 80

Item 5 weight (kg): 25

Item 5 utility value: 90

Maximum Utility (Optimal Relief Load): 240

Selected Items (1 = included, 0 = not included):

Item 1 -> 1

Item 2 -> 1

Item 3 -> 0

Item 4 -> 1

Item 5 -> 0

=== Code Execution Successful ===