

- Coding exercise: Dynamic programming Knapsack( $n, W$ ) in general case:
  - Create  $n$  objects with random weight (from 1 to 10) and random value (from 1-10)
  - Calculate the optimal Value for  $K(n, W)$
  - Find-out which objects in Sack for the optimal  $K(n, W)$
  - Demo Run for  $K(10, 30)$ ,  $K(10, 50)$