

# Assignment W8

## Knapsacks

Problem ID	Name	Point(s)
SPOJ - <a href="#">KNAPSACK</a>	The Knapsack Problem	2
SPOJ - <a href="#">BAT1</a>	BATMAN1	3
POJ - <a href="#">1384</a>	Piggy-Bank	3

## DP on a Grid

Problem ID	Name	Point(s)
SPOJ - <a href="#">GRID</a>	Grid	2
SPOJ - <a href="#">STAIRCSE</a>	Number of Paths	3

## Interval DP

Problem ID	Name	Point(s)
UVA - <a href="#">10954</a>	Add All	2
UVA - <a href="#">348</a>	Optimal Array Multiplication Sequence	3
POJ - <a href="#">1179</a>	Polygon	3
POJ - <a href="#">1738</a>	An Old Stone Game	6

## Tree DP

Problem ID	Name	Point(s)
SPOJ - <a href="#">CNTTREE</a>	Trees Again	3
SPOJ - <a href="#">THREECOL</a>	Three-coloring of Binary Trees	3

## Set DP

Problem ID	Name	Point(s)
SPOJ - <a href="#">PESADA04</a>	Traveling Salesman Problem	4
UVA - <a href="#">11472</a>	Beautiful Numbers	4