Rod Cutting Problem Assignment

Task 1

length i	1	2	3	4	5	6	7	8	9	10
price p_i	1	5	8	9	10	17	17	20	24	30

Given above table of rod process, compute all possible solutions for rod of length 6.

Task 2

length i	1	2	3	4	5	6	7	8	9	10
price p_i	1	5	8	9	10	17	17	20	24	30

Dry run Dynamic programming solution on above example for rod length 6. Show all computations using recursive equation and values in array

Task 3

- The dynamic programming algorithm computes the value of optimal solution (maximum revenue)

- Compute the optimal solution (where should we cut the rod to get optimal revenue) by modifying this algorithm