

Mini HW #3

Due Time: 2016/10/20 (Thu.) 14:20
Contact TAs: ada01@csie.ntu.edu.tw

Problem 1

Given the following length and prices of rods, please find out the maximum revenue and the corresponding cutting of the length 12 by filling out the second table. If there are multiple choices of first cuts, please choose the one with smallest size.

Hint: You may refer section 15.1 of the textbook for hints.

length i	1	2	3	4	5	6	7	8	9	10	11	12
price p_i	1	4	5	7	16	17	17	20	21	30	31	33

i	0	1	2	3	4	5	6	7	8	9	10	11	12
revenue													
size of the first piece													