20.9 Buying and Selling stocks

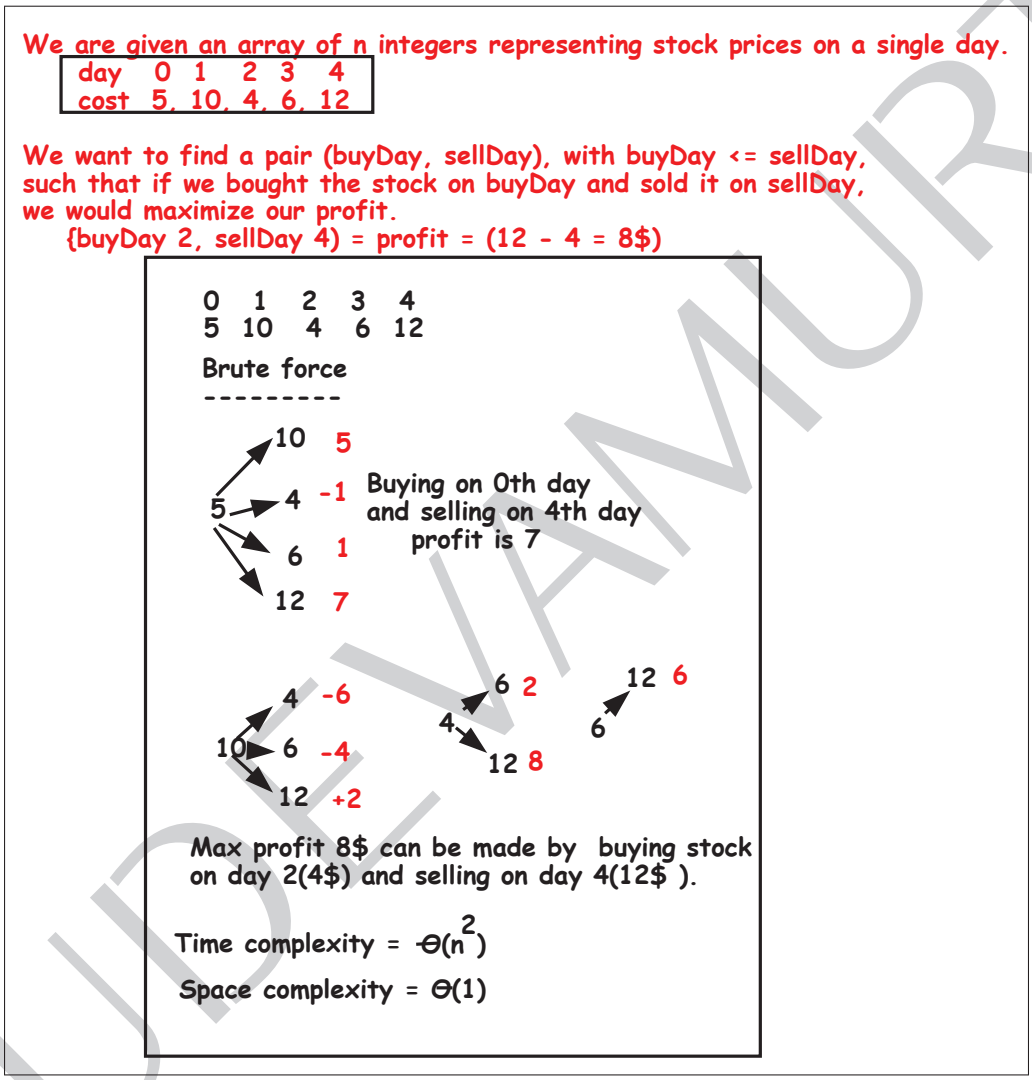

Figure 20.8: Problem description

20.9.1 $\Theta(n^2)$ time and $\Theta(1)$ space algorithm

See figure 20.8

20.9.2 $\Theta(nlog_2n)$ time and $\Theta(log_2n)$ space algorithm

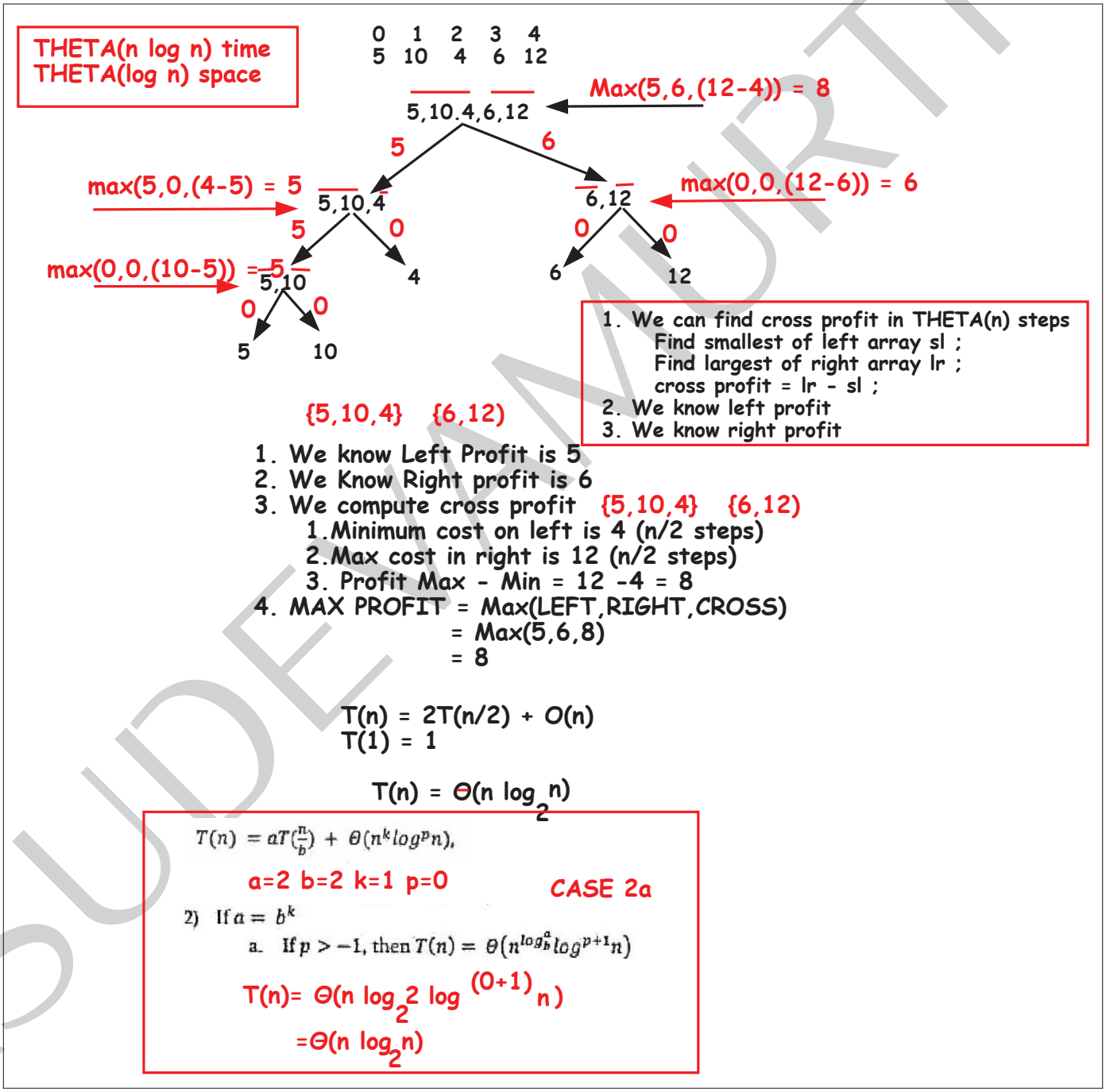

Figure 20.9: $\Theta(nlog_2n)$ time and $\Theta(log_2n)$ space algorithm

20.9.3 $\Theta(n)$ time and $\Theta(log_2 n)$ space algorithm

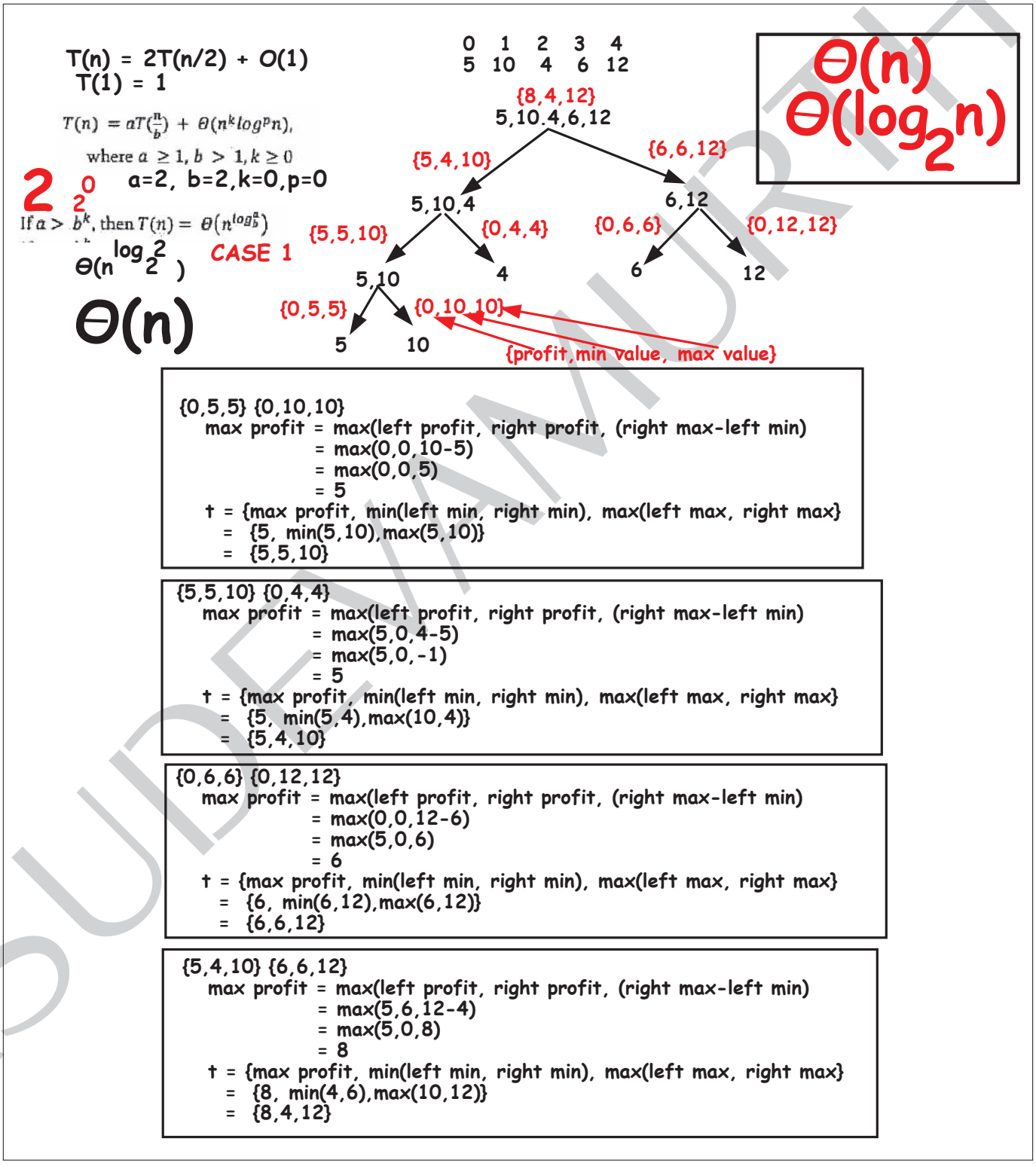

Figure 20.10: $\Theta(n)$ time and $\Theta(log_2 n)$ space algorithm

