Assignments - V

Given a rod of length $n(n >= 2)$ and the price p_i for rod of length $i(1 \leq i \leq n)$. Determine the maximum revenue obtainable by cutting up the rod and selling the pieces in the following manner.

1. Normal recursive procedure without dynamic programming
2. Dynamic programming (Top-down)
3. Dynamic programming (Bottom-up)

Assume $i \in \{x, 2x, 3x, 4x, \ldots, n\}$ where x can take following values: 1, 0.50, 0.25, 0.20.