

$$\begin{array}{l}
1. \quad \prod_{i=1}^n m_i \\
2. \quad \begin{array}{l}
minb = min(b[i][j], prev) \\
dp[i][minb] = min(dp[i-1][prev] + p[i][j]) \quad dp[1][b[1][j]] = min(p[1][j])
\end{array}
\end{array}$$