2023.01.25 스터디 발표

❄️ 내가 푼 문제

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❄️ 방법

```java
public static int solution(int alp, int cop, int[][] problems) {
    int alp_goal = 0;
    int cop_goal = 0;

    /* 가장 큰 알고력과 코딩력을 목표치로 설정 -> 그 이상은 굳이 필요 없기 때문 */
    for (int i = 0; i < problems.length; i++) {
      alp_goal = Math.max(alp_goal, problems[i][0]);
      cop_goal = Math.max(cop_goal, problems[i][1]);
    }

    if (alp_goal <= alp) alp = alp_goal;
    if (cop_goal <= cop) cop = cop_goal;

    /* 0과 길이가 있기 때문에 +2 를 해주었음 */
    int[][] dp = new int[alp_goal + 2][cop_goal + 2];

    for (int i = alp; i <= alp_goal; i++)
      for (int j = cop; j <= cop_goal; j++)
        dp[i][j]=Integer.MAX_VALUE;

    dp[alp][cop] = 0;

    for (int i = alp; i <= alp_goal; i++) {
      for (int j = cop; j <= cop_goal; j++) {
        dp[i + 1][j] = Math.min(dp[i + 1][j], dp[i][j] + 1);
        dp[i][j + 1] = Math.min(dp[i][j + 1], dp[i][j] + 1);

        for (int[] num : problems) {
          if (i >= num[0] && j >= num[1]){
            if (i + num[2] > alp_goal && j + num[3] > cop_goal)
              dp[alp_goal][cop_goal] = Math.min(dp[alp_goal][cop_goal], dp[i][j] + num[4]);
            else if (i + num[2] > alp_goal)
              dp[alp_goal][j + num[3]] = Math.min(dp[alp_goal][j + num[3]], dp[i][j] + num[4]);
            else if (j + num[3] > cop_goal)
              dp[i + num[2]][cop_goal] = Math.min(dp[i + num[2]][cop_goal], dp[i][j] + num[4]);
            else if (i + num[2] <= alp_goal && j + num[3] <= cop_goal)
              dp[i + num[2]][j + num[3]] = Math.min(dp[i + num[2]][j + num[3]], dp[i][j] + num[4]);
          }
        }
      }
    }

    return dp[alp_goal][cop_goal];
  }
```