HW#\$ Solution.

D (i,i) = min
$$\{1+D(i-1,i), 1+D(i,i-1), diff(i,i) + B(i-1,i-1)\}$$

where $diff(i,i) = \{i,i,j+i,i+1\}$

where $diff(i,i) = \{i,i,j+i,i+1\}$

for i=1,2,..., ~

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Runninghima O(mor).

for = the bit of Kills

 $K(\omega) = 0$ for i = 1 to M for i = 1 to M i = 0 $K(\omega) = 0$ $K(\omega) = 0$ $K(\omega) = 0$ $K(\omega) = 0$

Return K(W) Runigtime O (OW).

(3) $R(j) = \max_{j} R(j-1)$, R(previsiz) + pisiz where R(j-1) means don't flow a bill bound at XDi and R(previsiz) + pisiz reneams place bill bound at XI's and R(previsiz) + pisiz

> R(0)=0for j=1 to ∞ $R(j)=\max\left(R(j-1), R(prent(j-1)+\mu j)^{2}\right)$

Return R(n)
Runnigtion () (n).