Homework 9

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4

This problem is essentially the minimum edit distance problem, but with varying weights on operations.
Define input to be 2 strings, A and B, of lengths n and m respectively.

```
D = [n + 1, m + 1]
def MED(A, B):
      for i in range(0, n + 1):                        #initialization
            D[0, i] = i
            D[i, 0] = i
      for i in range(1, n + 1):
            for j in range(1, m + 1):
                  D[i, j] = min(
                        if A[i] == B[i]:   D[i-1, j-1]
                        else:  D[i-1, j-1] + 5
                        D[i-1, j] + 3            #deletion
                        D[i, j-1] + 4            #insertion
                        )
```