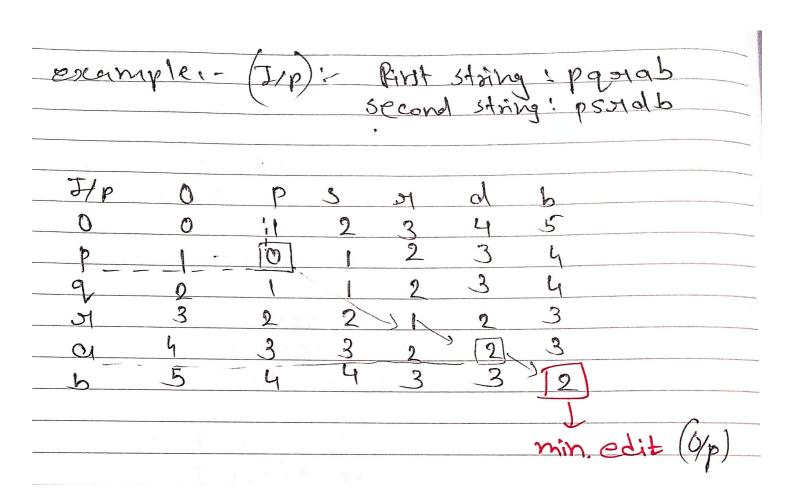
9	ITO81 Pankhania Aanandi R.
	_()/\frac{1}{1}
10	STRING EDITING:
	01/14/01 10/14/19/
	10
	Poroblem analysis:
	0
13	for Given 2 strings. Pirst string is sourced
	second is the transpt string.
1	2 de 112 de 111 grant 1 de 1200 elit
	second is the target string. In this we will kind how many edits
	and Hedrical to convert 2004CE 24200(1)
2	to turget (2), of this edit can be insent
	source elements, delete or modify
3	
	to convert to second string.
	507.
	modify   delete   insent -> m 2 n-1
	modify delete insert -> m 4 n-1 insert delete -> m-1 2 n
	modify -> m-1 & n-1
	<u> </u>



Alganithm:
colit distance (A[1n], B[1m]) D(i, 0) \( i \) and D(0, j) \( i \) Brall i;
for j from 1 to m:  for j from 1 to m:  insertion $\leftarrow$ D(i, j-1) +1
deletion $\leftarrow D(i-1,j)+1$ $m$ $q$ teh $\leftarrow D(\dot{\gamma}-1,\dot{\gamma}-1)+1$
if (A[i] = = B[j]): D(i,j) < min [insertion, Deletion,] match
else  (i,j)   min insention, Doletion, mismateh
ojeturn D(n,m)

Time complexity:

O(mxn) Islength of strings,