



if ( $s_1[i] \neq s_2[j]$ )

$\overline{akram}$   
 $\overline{jakot}$  ↑  
 ↑

$+1$

$\overline{akram}$   
 $\overline{jakot}$  ↑  
 ↑

$+1$

$\overline{akram}$   
 $\overline{jakot}$  ↑  
 ↑

$+1$

cost for performing a operation

insert

replace

delete

min

if ( $s_1[i] == s_2[j]$ )

akram  
↑  
jakot  
↑

+ 1

} insert

akram  
↑  
jakot  
↑

+ 0

} replace

[As the characters are equal we don't need perform any operation, So, operation value 0]

akram  
↑  
jakot  
↑

+ 1

} delete

} min