#include<bits/stdc++.h>

using namespace std;

int lcs(string X,string Y,int m,int n){

int dp[m+1][n+1];

for(int i=0;i<=m;i++){

for(int j=0;j<=n;j++){

if(i==0 || j==0){

dp[i][j]=0;

}

else if(X[i-1]==Y[j-1]){

dp[i][j]= 1+dp[i-1][j-1];

}

else{

dp[i][j]= max(dp[i-1][j], dp[i][j-1]);

}

}

}

return dp[m][n];

}

int main() {

string X= "agbcba";

string Y="";

for(int i=X.size();i>=0;i--){

Y+=X[i];

}

int m = X.length();

int n = Y.length();

cout<<"Minimum deletion to make string palindrome is: "<< m- lcs( X, Y, m, n ) ;

return 0;

}

Output-

Minimum deletion to make string palindrome is: 1