**PROBLEM-**

Luke Skywalker gave Chewbacca an integer number x. Chewbacca isn't good at numbers but he loves inverting digits in them. Inverting digit t means replacing it with digit 9 - t.

Help Chewbacca to transform the initial number x to the minimum possible positive number by inverting some (possibly, zero) digits. The decimal representation of the final number shouldn't start with a zero.

****Input Format****

The first line contains a single integer x (1 ≤ x ≤ 1018) — the number that Luke Skywalker gave to Chewbacca.

****Constraints****

x <= 100000000000000000

****Output Format****

Print the minimum possible positive number that Chewbacca can obtain after inverting some digits. The number shouldn't contain leading zeroes.

****Sample Input****

4545

****Sample Output****

4444

Explanation- If first digit of number is 9 then it remain as it is, but if the digits of number are greater than 5 than subtract them from 9.

**CODE**

#include <iostream>

using namespace std;

int main()

{

char c[100];

int b;

cin>>c;

if(c[0]!='9' && c[0]>='5')

{

b=c[0]-'0';

b=9-b;

c[0]=b+'0';

}

for(int i=1;c[i]!='\0';i++)

{

if(c[i]>'4')

{

b=c[i]-'0';

b=9-b;

c[i]=b+'0';

}

}

for(int i=0;c[i]!='\0';i++)

{

cout<<c[i];

}

}