//We will put count inside EPI

int main() {

string alpha = "ABCDEFGHIJKLMNOPQRSTUVXYZ";

string number; //number of boolean expression from the class

cin >> number;

for (int i = 0; i < 4; i++) { //Instead of 4 it will be the number of variables

if (number[i] == '0')

cout << alpha[i]<<"'";

else if (number[i] == '1')

cout<< alpha[i];

}

}