package ionishere;

import java.util.Scanner;

public class MainIon {

public static void main(String[] args) {

Scanner sistem = new Scanner(System.***in***); int a = sistem.nextInt();

System.***out***.println(Ion.*DimaERau*(a));

sistem.close();

}

}

package ionishere;

public class Ion {

static String DimaERau(int x) {

int mii = (int)(x/1000); x -= mii\*1000; String ret = "";

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

ret = ret + "M";

}

int sute = (int)Math.*floor*(x/100);

switch (sute) {

case 9:

ret = "C" + ret;

break;

case 8:

ret = ret + "DCCC";

break;

case 7:

ret = ret + "DCC";

break;

case 6:

ret = ret + "DC";

break;

case 5:

ret = ret + "D";

break;

case 4:

ret = ret + "CD";

break;

case 3:

ret = ret + "CCC";

break;

case 2:

ret = ret + "CC";

break;

case 1:

ret = ret + "C";

break;

}

x -= 100\*sute;

int zeci = (int)Math.*floor*(x/10);

switch (zeci) {

case 9:

ret = "X" + ret;

break;

case 8:

ret = ret + "LXXX";

break;

case 7:

ret = ret + "LXX";

break;

case 6:

ret = ret + "LX";

break;

case 5:

ret = ret + "L";

break;

case 4:

ret = ret + "XL";

break;

case 3:

ret = ret + "XXX";

break;

case 2:

ret = ret + "XX";

break;

case 1:

ret = ret + "X";

break;

}

x -= 10\*zeci;

switch (x) {

case 9:

ret = "I" + ret;

break;

case 8:

ret = ret + "VIII";

break;

case 7:

ret = ret + "VII";

break;

case 6:

ret = ret + "VI";

break;

case 5:

ret = ret + "V";

break;

case 4:

ret = ret + "IV";

break;

case 3:

ret = ret + "III";

break;

case 2:

ret = ret + "II";

break;

case 1:

ret = ret + "I";

break;

}

return ret;

}

}