#include <iostream>

#include <cstdlib>

#include <climits>

using namespace std;

int main(){

main:{

int num;

cout <<endl<<"Vnesi broj koj e paren i zavrshuva na 2 : ";

cin >>num;

while (cin.fail()){

cin.clear();

cin.ignore(INT\_MAX, '\n');

cout <<endl<<"Mozhe da vnesuvash samo broevi";

cout <<endl<<"Vnesi broj : ";}

cin >>num;

if ( num % 2 == 0 && num %10 == 2 ){

cout <<endl<<"Brojot "<<" "<<num<<" "<<"gi ispolnuva uslovite";}

else{

cout <<endl<<"Brojot "<<" "<<num<<" "<<"ne gi ispolnuva uslovite";}

goto main2;}

main2:{

int num2;

cout <<endl<<" ";

cout <<endl<<"Vnesi broj koj e pozotiven i ednocifren : ";

cin >>num2;

while (cin.fail()){

cin.clear();

cin.ignore(INT\_MAX, '\n');

cout <<endl<<"Mozhe da vnesuvash samo broevi";

cout <<endl<<"Vnesi broj : ";}

cin >>num2;

if ( num2 >= 0 && num2 < 10 ){

cout <<endl<<"Brojot "<<" "<<num2<<" "<<"gi ispolnuva uslovite";}

else{

cout <<endl<<"Brojot "<<" "<<num2<<" "<<"ne gi ispolnuva uslovite";}

goto main3;}

main3:{

int num3;

cout <<endl<<" ";

cout <<endl<<"Vnesi broj deliv so 3 ili ednakov na 5 : ";

cin >>num3;

while (cin.fail()){

cin.clear();

cin.ignore(INT\_MAX, '\n');

cout <<endl<<"Mozhe da vnesuvash samo broevi";

cout <<endl<<"Vnesi broj : ";}

cin >>num3;

if ( num3 % 3 == 0 || num3 == 5 ){

cout <<endl<<"Brojot "<<" "<<num3<<" "<<"gi ispolnuva uslovite";}

else{

cout <<endl<<"Brojot "<<" "<<num3<<" "<<"ne gi ispolnuva uslovite";}

goto exit;}

exit:

cout << " "<<endl;

cout <<"THANKS FOR USING THIS PROGRAM "<<endl;

system ("PAUSE");

}