#include<iostream>

using namespace std;

int main()

{

int num1 = 0;

int num2 = 0;

int num3 = 0;

cout << "输入小猪A的体重" << endl;

cin >> num1;

cout << "输入小猪B的体重" << endl;

cin >> num2;

cout << "输入小猪C的体重" << endl;

cin >> num3;

cout <<"小猪A的重量是"<< num1 << endl;

cout <<"小猪B的重量是" << num1 << endl;

cout <<"小猪C的重量是" << num3 << endl;

if (num1 > num2)

{

if (num1 > num3)

cout << "A猪最重" << endl;

else if (num1<num2)

cout << "C猪最重" << endl;

}

else if(num1 < num2)

{

if (num2 > num3)

cout << "B猪最重" << endl;

else if (num3 > num2)

cout << "C猪最重" << endl;

}

system("pause");

return 0;

#include<iostream>

using namespace std;

int gcd(int a, int b)

{

while (b > 0)

{

int r = a % b;

a = b; b = r;

}

return a;

}

void lcm(int a, int b)

{

int c = 0;

c = a \* b / gcd(a, b);

cout << "最小公倍数" << c << endl;

}

int main()

{

int x = 0;

int y = 0;

cout << "please enter a and b" << endl;

cin >> x; cin >> y;

int m = gcd(x, y);

lcm(x, y);

cout << "最大公因数为" << m << endl;

system("pause");

return 0;

}

}

#include<iostream>

using namespace std;

#include<ctime>

int main()

{

srand((unsigned int)time(NULL));

int num = rand() % 100 + 1;

int val = 0;

int k = 5;

while (k>0)

{

cin >> val;

if (val > num)

{

cout << "猜错过大" << endl;

k--;

}

else if (val < num)

{

cout << "猜错过小" << endl;

k--;

}

else {

cout << "恭喜你猜对了" << endl;

break;

}

}

system("pause");

return 0;

}

#include<iostream>

using namespace std;

int main()

{

int num = 100;

int a = 0;

int b = 0;

int c = 0;

do

{

a = num % 10;

b = num / 10 % 10;

c = num / 100;

if (a\*a\*a+b\*b\*b+c\*c\*c == num)

{

cout << num << endl;

}

num++;

} while (num < 1000);

system("pause");

return 0;

}

#include<iostream>

using namespace std;

int main()

{

int i = 1; int j = 1;

for ( i = 1; i <= 9; i++)

{

for ( j = 1; j <= i; j++)

{

cout << j << "\*" << i << "=" << j \* i<<'\t';

}

cout << endl;

}

system("pause");

return 0;

}

#include<iostream>

using namespace std;

int main()

{

bool arr[6];

int a[6];

for (a[1] = 1; a[1] < 6; a[1]++)

{

for (a[2] = 1; a[2] < 6; a[2]++)

{

for (a[3] = 1; a[3] < 6; a[3]++)

{

for (a[4] = 1; a[4] < 6; a[4]++)

{

for (a[5] = 1; a[5] < 6; a[5]++)

{

if ((a[1] + a[2] + a[3] + a[4] + a[5] == 15) && (a[1] \* a[2] \* a[3] \* a[4] \* a[5] == 120)&&(a[2]!=5)&&(a[3] !=5))

{

arr[1] = (a[1] == 5);

arr[2] = (a[2] == 2);

arr[3] = (a[5] == 1);

arr[4] = (a[1] != 3);

arr[5] = (a[1] == 4);

if ((arr[a[1]]) && (arr[a[2]]) && (!arr[a[3]]) && (!arr[a[4]]) && (!arr[a[5]]))

{

for (int i = 1; i < 6; i++)

{

cout << (char)(a[i] + 'A' - 1) << "是第" << i << "名" << endl;

}

}

}

}

}

}

}

}

}

#include<iostream>

using namespace std;

int main()

{

int arr[6];

string lesson[6] = { "语文","算术","政治","地理","音乐","美术" };

for(arr[0] = 1;arr[0]<4;arr[0]++)

{

for (arr[1] = 1; arr[1] < 4; arr[1]++)

{

for (arr[2] = 1; arr[2] < 4; arr[2]++)

{

for (arr[3] = 1; arr[3] < 4; arr[3]++)

{

for (arr[4] = 1; arr[4] < 4; arr[4]++)

{

for (arr[5] = 1; arr[5] < 4; arr[5]++)

{

if ((arr[2] != arr[1]) && (arr[3] != arr[0]) && (arr[3] != 2) && (arr[3] != arr[1]) && (arr[3] != 1) &&

(arr[1] != 1) && (arr[4] != arr[0]) && (arr[4] != 2) && (arr[0] != 2) &&

(arr[0] + arr[1] + arr[2] + arr[3] + arr[4] + arr[5] == 12))

{

for (int i = 0; i <6; i++)

{

cout << lesson[i] << "是"<<(char)(arr[i]+64)<<"教的" << endl;

}

}

}

}

}

}

}

}

}

#include<iostream>

using namespace std;

int fun1(int n)

{

int i, j;

int arr[4]; int max; int min;

for (i = 0; i < 4; i++)

{

arr[i] = n % 10;

n/=10;

}

for (i = 0; i < 4 - 1; i++)

{

for (j = 0; j < 4 - i - 1 ; j++)

{

if (arr[j] > arr[j + 1])

{

int temp = arr[j];

arr[j] = arr[j + 1];

arr[j + 1] = temp;

}

}

}

max = arr[3] \* 1000 + arr[2] \* 100 + arr[1] \* 10 + arr[0];

min = arr[0] \* 1000 + arr[1] \* 100 + arr[2] \* 10 + arr[3];

n = max - min;

cout << n << endl;

return n;

}

int main()

{

int n = 0; int last = 0;

cout << "Please enter the number" << endl;

cin >> n;

do

{

last = n;

n = fun1(n);

} while (n != last);

return 0;

}