1.兔子 0

#include "stdafx.h"

#include<iostream>

using namespace std;

int main()

{

int i = 22,s=0,j=1;

while (i >= 0) {

s += i \* j;

j = i;

i = i - 2;

}

cout << "两年后兔子总数为" << s << endl;

system("pause");

return 0;

}

2. 球落地 18

#include "stdafx.h"

#include<iostream>

using namespace std;

int main()

{

float j=100, k=0;

for (int i = 1; i <= 10; i++) {

j = j / 2;

k += 2 \* j;

}

cout << "第10次落地经过" << k << "米" << endl;

cout << "第10次反弹" << j << "米" << endl;

system("pause");

return 0;

}

3．打印菱形 20

#include "stdafx.h"

#include<iostream>

using namespace std;

int main()

{

for (int i = 1; i <= 10; i++) {

for (int j = 10; j >=i; j--) {

printf("\* ");

}

for (int p = 1; p<i; p++) {

cout << " ";

}

for (int p = 1; p < i; p++) {

cout << " ";

}

for (int j = 10; j >= i; j--) {

printf("\* ");

}

cout << endl;

}

for (int i = 1; i <= 10; i++) {

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

printf("\* ");

}

for (int p = 10; p >i; p--) {

printf(" ");

}

for (int j = 10; j > i; j--) {

printf(" ");

}

for (int p = 1; p <=i; p++) {

printf("\* ");

}

cout << endl;

}

system("pause");

return 0;

}