1. For打印三角形

#include "stdafx.h"

#include <iostream>

using namespace std;

int main()

{

for (int i = 0; i < 10; i++)

{

for (int j = 9 - i; j > 0; j--)

{

cout << " ";

}

for (int n = 0; n < i + 1; ++n)

{

cout << "\* ";

}

cout << endl;

}

getchar();

}

1. While打印三角形

#include "stdafx.h"

#include <iostream>

using namespace std;

int main()

{

int line = 10;

int i= 0, j=0, n=0;

while (i< line)

{

j = line - 1 - i;

while (j-->=0)

{

cout << " ";

}

n = i+1;

while (n-->0)

{

cout << "\* ";

}

i++;

cout << endl;

}

getchar();

}

1. 输入圆柱体的底半径和高，求体积v。

#include "stdafx.h"

#include <iostream>

#include <math.h>

using namespace std;

#define PI 3.14

float Func(float r, float h)

{

return PI\*pow(r,2) \* h;

}

int main()

{

float a, b;

cout << "请输入半径：" << endl;

cin >> a;

cout << "请输入高度：" << endl;

cin >> b;

cout <<"圆柱体的体积为"<< func(a, b) << endl;

system("PAUSE");

}

1. 输入三角形的三条边求面积

#include "stdafx.h"

#include <iostream>

#include <math.h>

using namespace std;

float func(float a, float b, float c)

{

float q = (a + b + c) / 2;

return sqrt(q\*(q-a)\*(q-b)\*(q-c));

}

int main()

{

float a, b, c;

cout << "请输入第一条边的长度：" << endl;

cin >> a;

cout << "请输入第二条边的长度：" << endl;

cin >> b;

cout << "请输入第三条边的长度：" << endl;

cin >> c;

if (a+b>c && a+c>b && b+c>a)

{

cout << "三角形的体积为" << func(a, b, c) << endl;

}

else

{

cout << "您输入的内容不符合要求！";

}

system("PAUSE");

}

1. 公鸡5元一只，母鸡3元一只，小鸡1元三只，用一百元买一百只鸡，三种鸡都有，求三种鸡各多少只

#include "stdafx.h"

#include <iostream>

#include <math.h>

using namespace std;

int main()

{

for (int i = 1; i <= 100; ++i)

{

for (int j = 1; j <= 100; ++j)

{

for (int n = 1; n <= 100; ++n)

{

if (n % 3 == 0)

{

if (5 \* i + 3 \* j + n / 3 == 100 && i+j+n==100)

{

printf("公鸡%d只，母鸡%d只，小鸡%d只\n", i, j, n);

}

}

}

}

}

system("PAUSE");

}