1、

#include<stdio.h>

int main()

{

char c1 = 'C', c2 = 'h', c3 = 'i', c4 = 'n', c5 = 'a';

c1 = c1 + 4;

c2 = c2 + 4;

c3 = c3 + 4;

c4 = c4 + 4;

c5 = c5 + 4;

printf("%c%c%c%c%c\n",c1,c2,c3,c4,c5);

putchar(c1);

putchar(c2);

putchar(c3);

putchar(c4);

putchar(c5);

}

2、

#define pi 3.14159

#include<stdio.h>

int main()

{

float r, h, l, s1, s2, v1, v2;

scanf\_s("%f,%f", &r, &h);

l = 2 \* pi\*r;

s1 = pi\*r\*r;

s2 = 4 \* pi\*r\*r;

v1 = (4.0/ 3.0)\*pi\*r\*r\*r;

v2 = s1\*h;

printf("圆周长为l=%.2f\n 圆面积为s1=%.2f\n 圆球表面积为s2=%.2f\n 圆球体积为v1=%.2f\n 圆柱体积为v2=%.2f\n", l, s1, s2, v1, v2);

return 0;

}

3、

（1）

#include<stdio.h>

int main()

{

int a, b, c;

printf("please enter two intengers:");

scanf\_s("%d %d", &a, &b);

c = a;

a = b;

b = c;

printf("the intensers have changed are:\n%d %d",a,b);

}

（2）

#include<stdio.h>

int main()

{

void f(int \*q1, int \*q2);

int a, b;

int \* p1, \* p2;

printf("please enter two intengers:");

scanf\_s("%d %d", &a, &b);

p1 = &a;

p2 = &b;

f(p1, p2);

printf("the intensers have changed are:\n%d %d", a, b);

}

void f(int \*q1, int \*q2)

{

int temp;

temp = \*q1;

\*q1 = \*q2;

\*q2 = temp;

}