1.

#include <iostream>

#include <cmath>

#include<climits>

using namespace std;

int main()

{

//英寸feet 英尺inch a倍数

const double a = 0.0833;

const double p= 0.394;

double n;

cout << "输入原有的身高(cm)";

cin >> n;

double m = n \* p;

cout << "please enter the tall(厘米):\_\_\_\b\b\b";

cout << n << "转换成英寸为" << m << endl;

double tall;

cout << "please enter the tall(英寸):\_\_\_\b\b\b";

cin >> tall;

double talll = tall \* a;

cout << "转化后的英尺为" << talll << endl;

return 0;

}

2.

include <iostream>

#include <cmath>

#include<climits>

using namespace std;

int main()

{

//英寸feet 英尺inch a倍数

const double a = 12;

const double b = 0.0254;

const double c = 2.2;

double feet, inch, bang;

cout << "输入身高的英寸部分: ";

cin >> feet;

cout << "输入身高的英尺部分: ";

cin >> inch;

cout << "输入体重（磅）: ";

cin >> bang;

double BMI = (bang / c) / ((((inch \* a) + feet) \* b) \* (((inch \* a) + feet) \* b));

cout << "求得的BMI为" << BMI << endl;

}

3.

#include <iostream>

#include <cmath>

#include<climits>

using namespace std;

int main()

{

const double a = 60;

const double b = 60;

double degree,minutes,seconds;

cout << "enter,a laitude in degree, minutes, and seconds :" << endl;

cout << "First,enter the degree: ";

cin >> degree;

cout << "next,enter the minutes of arc: ";

cin >> minutes;

cout << "finally,enter the seconds of arc: ";

cin >> seconds;

double p = degree + minutes / a + seconds / (a \* b);

cout << degree<<" degree, "<<minutes<<" minutes, "<<seconds<<" seconds = "<<p<<" degree" << endl;

}

4.

#include <iostream>

#include <cmath>

#include<climits>

using namespace std;

int main()

{

const int a = 60;

const int b = 60;

const int c = 24;

long long miao;

cout << "enter the number of seconds: ";

cin >> miao;

long day = (miao / a / b / c);

miao -= day\*a\*b\*c;

long hours = (miao / a / b);

miao -= hours\*b\*a;

long minute = miao / 60;

miao -= minute \* a;

cout <<"the seconds = " << day << " days," << hours << " hours," << minute << " mimute," <<miao<<" seconds:" << endl;

return 0;

}

5.

#include <iostream>

#include <cmath>

#include<climits>

using namespace std;

int main()

{

long long population, US;

cout << "enter the world's population: ";

cin >> population;

cout << "enter the population of the US: ";

cin >> US;

double a = ((double)US / (double)population)\*100;

cout << "the population of the US is " << a << "%" << " of the world population" << endl;

return 0;

}

6.

#include <iostream>

#include <cmath>

#include<climits>

using namespace std;

int main()

{

const int z = 100;

long long inch, lun;

cout << "enter the 里程: ";

cin >> inch;

cout << "enter the 耗油量: ";

cin >> lun;

double a = ((double)lun/ (double)inch)\*z;

cout << "每100公里耗油量为 " << a <<"升" <<endl;

return 0;

}

7.

#include <iostream>

#include <cmath>

#include<climits>

using namespace std;

int main()

{

const int z = 100;

const double x = 62.14;

const double y = 3.785;

long long inch, lun,yinch,ylun;

cout << "按欧洲风格 enter the 里程（公里）: ";

cin >> inch;

cout << "按欧洲风格 enter the 耗油量: ";

cin >> lun;

double a = ((double)lun/ (double)inch)\*z;

double b = ((lun / y) / (inch \* x)\*z);//记住这里\*100；

cout << "每100公里耗油量为 " << a <<" 升 " << "转换美国制为： " << b << endl;

return 0;

}