BÀI 1:

#include<iostream>

using namespace std;

int tinh(int a, int b, int &cong, int &tru, int &nhan){

cong=a+b;

tru=a-b;

nhan=a\*b;

}

float chia(float a, float b){

float ch=a/b;

return ch;

}

int main(){

int a,b;

cout<<"Nhap a, b: ";

cin>>a>>b;

int cong, tru, nhan;

tinh(a,b,cong,tru,nhan);

cout<<"Tong = "<<cong<<endl;

cout<<"Hieu = "<<tru<<endl;

cout<<"Tich = "<<nhan<<endl;

cout<<"Thuong = "<<chia(a,b);

}

BÀI 2:

**a/**

#include<iostream>

using namespace std;

void ham1()

{

int n;

cout << n;

cout << x; // x khai báo phia duoi ham1() nen ko the xuat x o ham1()

}

int ham3();// kieu tra ve la void

int x;

int main()

{

ham1();

ham2(); // ham2() viet duoi ham main nen ko the goi o ham main

ham3();

cout << "x = " << x;

}

void ham2()

{

cout << "ham 2";

}

int ham3()// ham3() ko co tra ve gia tri nao nen kieu tra ve la void

{

cout << "ham 3";

}

**b/**

#include<iostream>

using namespace std;

int Tong(n) // n chua co kieu du lieu

{

int S = 0;

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

S += i;

return S;

}

int Tich(int a, int b)

{

return 2 \* a \* b;

}

int main()

{

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

{

int x = i;

cout << i << endl;

}

cout << "x = " << x;// x khai bao trong for nen ko the su dung ngoai for

cout << Tich(100);// truyen thieu tham so

cout << Tich("20", 30);// truyen sai kieu tham so

}

BÀI 3:

#include<iostream>

using namespace std;

void TinhToan(int a, int b, int &tong, int &hieu)

{

tong = a + b;

hieu = a - b;

}

int main()

{

int a = 5, b = 9;

int tong = 0, hieu = 0;

TinhToan(a, b, tong, hieu);

cout << "tong = " << tong << ", hieu = " << hieu;

}

BÀI 4:

#include<iostream>

using namespace std;

void xuat(int n){

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

cout<<"Xin chao"<<endl;

}

}

int main(){

int n;

cout<<"Nhap n: ";

cin>>n;

xuat(n);

}

BÀI 5:

#include<cmath>

using namespace std;

float dientich(float a, float b, float c){

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

float dt = sqrt(p\*(p-a)\*(p-b)\*(p-c));

return dt;

}

int main(){

float a,b,c,d,e,f;

cout<<"Nhap 3 canh tam giac 1: ";

cin>>a>>b>>c;

cout<<"Nhap 3 canh tam giac 2: ";

cin>>d>>e>>f;

float S= dientich(a,b,c)+dientich(d,e,f);

cout<<"Tong dien tich 2 tam giac la: "<<S;

}

BÀI 6:

#include<iostream>

#include<cmath>

using namespace std;

float giaiptb2(float a, float b, float c){

if(a==0)

cout<<"khong phai phuong trinh bac hai";

else{

float del=b\*b-4\*a\*c;

if(del>0){

float x1 = (-b+sqrt(del))/(2\*a);

float x2 = (-b-sqrt(del))/(2\*a);

cout<<"pt co 2 nghiem phan biet: x1 = "<<x1<<", x2 = "<<x2;

}

else if(del==0){

float x=-b/(2\*a);

cout<<"pt co nghiem kep: x1=x2= "<<x;

}

else

cout<<"pt vo nghiem";

}

}

int main(){

float a,b,c;

cout<<"Nhap a,b,c: ";

cin>>a>>b>>c;

cout<<giaiptb2(a,b,c);

}