#include<iostream>

using namespace std;

class mixture

{

private:

public:

void display(int b[5])

{

cout<<"5 ages are"<<endl;

for(int g=0;g<5;g++)

{cout<<b[g]<<endl;}

}

void triangle (int b,int h)

{

int result;

result=(0.5\*b\*h);

cout<<"\n\nArea of triangle is="<<result<<endl;

}

void triangle2 (int &b,int &h)

{

float result2;

result2=(0.5\*b\*h);

cout<<"\n\nArea of triangle by reference operater & result in float="<<result2<<endl;

}

void circle(float radius)

{

float answer;

answer=(3.14\*radius\*radius);

cout<<"\n\nRadius of circle is="<<answer<<endl;

}

};

void main()

{

system("color b0");

mixture m1,m2,m3,m4;

int a[5];

cout<<"\n\nEnter your 5 different ages"<<endl;

for(int p=0;p<5;p++)

{cin>>a[p];}

int hight,base;

cout<<"Enter the hight of triangle in integer"<<endl;

cin>>hight;

cout<<"Enter the base of triangle in integer"<<endl;

cin>>base;

float r;

cout<<"Enter radius"<<endl;

cin>>r;

m1.display(a);

m2.triangle(hight,base);

m3.circle(r);

m4.triangle2(hight,base);

getchar();

getchar();

}