// Online C++ compiler to run C++ program online

#include <iostream>

using namespace std;

class bankdeposite

{

int principal,year;

float interestrate;

int returnvalue;

public:

bankdeposite(){}

bankdeposite(int p , int y , float r);

void show()

{

cout<<"the principal amout is"<<principal<<"return value after "<<year<<"is "<<returnvalue<<endl;

}

};

bankdeposite::bankdeposite(int p ,int y, float r)

{

principal=p;

year=y;

interestrate=r;

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

{

returnvalue=principal\*(1+interestrate);

}

}

int main() {

char Y;

do{

bankdeposite bd1;

int p,y;

float r;

cout<<"enter value of p y and r "<<endl;

cin>>p>>y>>r;

bd1= bankdeposite(p,y,r);

bd1.show();

cout<<"if you want to run again then enter Y"<<endl;

cin>>Y;

}while(Y='Y');

return 0;

}

/\*

enter value of p y and r

100 1 0.05

the principal amout is100return value after 1is 104

if you want to run again then enter Y

Y

enter value of p y and r

1000 2 0.05

the principal amout is1000return value after 2is 1050

if you want to run again then enter Y

\*/